

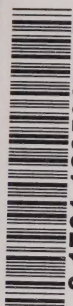
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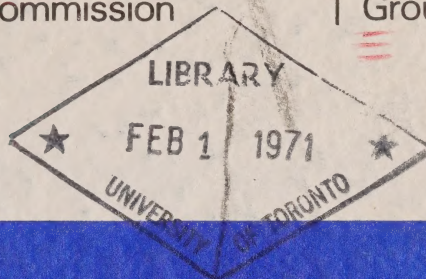
*Water management in Ontario*

Ontario  
Water Resources  
Commission

Water Resources  
Bulletin 2-8  
Ground water series



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No. 8

# GROUND WATER IN ONTARIO

No.

1960 to 1964  
SOUTH-EASTERN AREA



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**WATER RESOURCES  
BULLETIN 2-8**  
*Ground water series*

**GROUND WATER  
IN ONTARIO  
SOUTHEASTERN AREA  
1960 to 1964**

*Prepared by the*  
**HYDROLOGIC DATA BRANCH**

**ONTARIO WATER RESOURCES COMMISSION**

**DIVISION OF WATER RESOURCES**

**TORONTO**

**ONTARIO**



TEST-PUMPING AT CUMBERLAND TOWNSHIP



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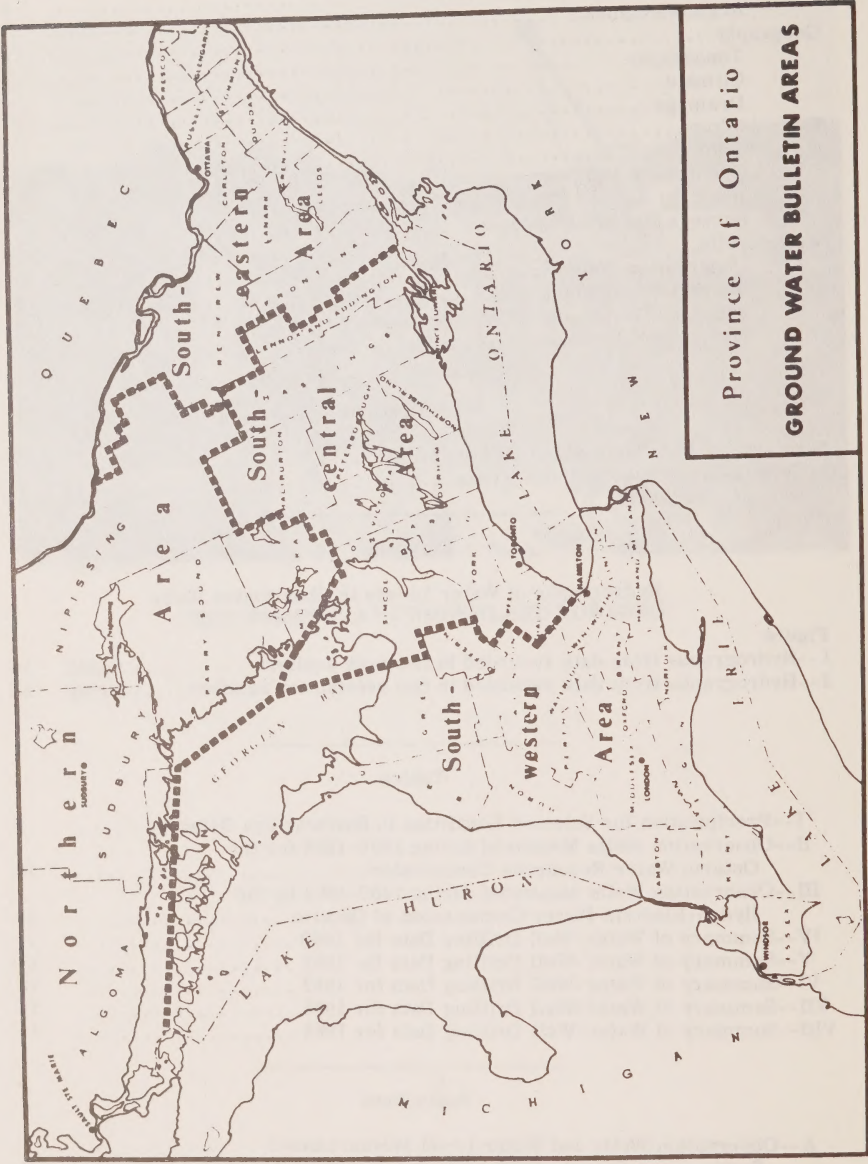
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MAP OF GROUND WATER BULLETIN AREAS





GROUND WATER IN ONTARIO  
SOUTHEASTERN AREA  
1960-1964

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INTRODUCTION

This bulletin contains ground-water information assembled for the southeastern area of the province for the period 1960 to 1964. It is the eleventh publication in which basic data have been assembled on ground-water conditions in Ontario.

Ten prior publications are listed in Appendix D. The first three, containing data for the years from 1947 to 1952, were published by the Ontario Department of Mines; the next seven by the Ontario Water Resources Commission.

Four areas have been selected for grouping of data to aid in preparing and using the bulletins: the southwestern area, the south-central area, the southeastern area and the northern area. Their extents are shown on the map on page iv. This form has been adopted because it is more convenient, for users seeking information about conditions in a particular area, to be able to consult one book for data over extended periods rather than several books with annual data.

This bulletin repeats some of the information contained in previous reports. This was done where it was felt the information was needed as reference material for the recently assembled data. General conditions in the southeastern area are discussed in greater detail.

The information contained in the bulletin is referred to by individuals interested in ground-water conditions in areas where they wish to drill wells; by drillers who are interested in hydrogeologic conditions in areas other than where they normally operate; by town planners, engineers, and geologists, who are searching for major aquifers to supply municipalities with ground water; and by engineers, geologists and others who are seeking favourable sites for gravel pits, quarries, or other deposits of economic value. To all of these, knowledge of the nature, thickness, and hydrogeologic properties of overburden and bedrock are important. Records are being received constantly and data not yet published are available for reference in the offices of the Division of Water Resources of the Ontario Water Resources Commission in Toronto.

Enquiries concerning the data in the bulletin should be directed to the Supervisor, Hydrologic Data Branch, Division of Water Resources.

Acknowledgments

The water-well boring and drilling contractors licensed to work in Ontario submitted well logs and water-well data to the Commission. In so doing, they played an important part in this assembly of valuable hydrogeologic data. Many private individuals and personnel of governmental agencies recorded and submitted ground-water levels in the observation well program. The assistance and service rendered in the public interest deserve high tribute and are gratefully acknowledged.

Preparation of the bulletin was supervised by Mr. A. A. Mellary, Geologist, under the direction of Mr. B. A. Singh, Supervisor, Hydrologic Data Branch, and Mr. D. N. Jeffs, Assistant Director, Division of Water Resources. The following staff of the Division of Water Resources worked in the preparation of the bulletin: Mrs. M. Ellis, Mrs. P. Hollett, Mrs. F. McClements, Messrs. A. J. Tasker, A. Fuchs, and J. A. Haw.

## GEOGRAPHY

### Topography

The southeastern area includes the following counties:

Carleton	Glengarry	Leeds	Russell
Dundas	Grenville	Prescott	Stormont
Frontenac	Lanark	Renfrew	

The land area of the southeastern area is 10,231 square miles.\*

The topography of the southeastern area is greatly influenced by geology. The western part of the area, mainly in the counties of Renfrew and Frontenac and partly in the counties of Leeds and Lanark, is underlain predominantly by Precambrian rocks and the topography is quite variable. There are areas, especially in the County of Renfrew, with considerable relief. The elevation varies in the western part of the area from an altitude of about 240 feet at the St. Lawrence River near Brockville, to a height of 1,725 feet above sea level southeast of Killaloe Station.

In the eastern part of the area the land is underlain by Paleozoic rocks. The thickness of the overburden increases eastwards and the topography is less variable than in the western part of the area; large flat swampy areas abound. The elevation in the eastern part of the area varies from an altitude of 73 feet at the Ottawa River at the eastern edge of the Province to a height of 480 feet near the Hamlet of Algonquin in the head waters of the South Nation River.

### Climate

The hydrologic characteristics of an area are largely determined by its climate and geology. A proper assessment of the water resources potential of an area requires that observations be made of climatic factors such as precipitation, temperature, wind, and sunshine and the resulting hydrologic events of streamflow and ground-water level fluctuations.

The precipitation data for a number of selected meteorological stations in the southeastern area are contained in Table I. The variability of precipitation which is the input to the ground-water system, affects ground-water levels and ground-water flow. The variability of the monthly and annual precipitation of the selected stations for the years under review can be observed readily from the data in the table.

### Drainage

In the southeastern area most of the drainage is towards the Ottawa River. The water divide between the Ottawa and St. Lawrence rivers is a few miles from the banks of the St. Lawrence and only a few short streams discharge into the St. Lawrence.

With the exception of the South Nation River which lies entirely in a lowland plain all the other large rivers have most or all of their courses in the Precambrian Shield. The main rivers are described briefly below.

The largest of the streams discharging into the St. Lawrence is the Cataraqui River. Headwater lakes in the limestone plains and the Precambrian Shield provide ample storage of runoff within the basin. The river serves as the Rideau Canal route from the height of land near Newboro to Kingston. Locks and spillways abound along its course and the river is used extensively by pleasure craft. Small hydro-electric installations are located at former mill sites.

\* Compiled from the 1963 Municipal Directory, Ontario Dept. of Municipal Affairs.



TABLE I  
PRECIPITATION FOR SELECTED LOCALITIES IN SOUTHEASTERN ONTARIO<sup>1</sup>

Station and Year	Precipitation in inches												Annual Total
	Monthly Totals												
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
1960													
Kingston Ont. Hydro	2.6	4.2	2.8	4.0	2.3	1.9	1.9	2.3	1.4	3.8	2.2	2.8	32.20
Brockville	3.3	5.7	1.7	3.6	3.4	2.2	1.3	1.7	1.7	4.0	1.8	3.3	33.70
Kemptville	2.1	5.6	1.1	3.4	3.7	2.3	1.4	1.2	1.2	3.6	1.4	2.4	30.10
Morrisburg	3.2	6.2	2.1	4.0	4.3	1.8	1.1	0.8	2.2	3.2	1.5	2.1	32.50
Cornwall Ont. Hydro	2.0	6.2	2.0	3.4	4.2	1.8	1.6	1.5	2.2	4.2	2.0	1.9	33.00
Ottawa International A.	1.6	5.0	2.0	2.6	3.2	2.0	2.9	2.4	1.5	3.0	2.2	1.8	31.20
Ottawa Rockcliffe A.	2.3	6.2	1.4	2.8	3.2	2.8	1.9	1.5	1.8	2.8	2.2	2.7	31.50
Carleton Place	1.6	4.4	1.4	2.4	2.3	1.6	3.7	1.6	1.8	2.9	1.7	2.6	28.00
Dalhousie L.	1.8	4.8	1.1	2.6	2.5	1.8	2.5	2.5	1.2	2.6	2.2	1.6	26.70
Killaloe A.	2.1	5.3	1.1	1.8	2.3	2.0	2.9	0.3	1.9	0.9	1.2	1.7	23.50
Chenau	2.4	4.2	0.8	2.5	2.4	2.4	2.2	0.3	1.0	2.0	1.5	1.9	23.60
Chalk River	2.5	5.9	1.0	1.7	2.9	4.1	4.3	0.9	1.7	2.5	1.3	2.3	31.10
1961													
Kingston Ont. Hydro	1.0	2.5	2.5	3.3	4.4	3.4	1.4	1.8	1.5	2.5	3.5	3.5	31.30
Brockville	1.0	3.0	3.0	4.0	3.8	3.3	2.7	3.7	2.3	2.6	3.6	3.7	36.70
Kemptville	0.7	2.8	2.3	3.0	2.9	4.5	3.7	2.6	1.3	1.8	2.4	2.1	30.10
Morrisburg	0.6	2.3	2.0	3.4	2.9	2.5	2.9	4.3	1.7	2.2	2.1	2.1	26.60
Cornwall Ont. Hydro	0.6	2.2	1.7	3.9	2.3	3.8	5.0	6.0	1.7	2.7	2.1	3.1	31.10
Ottawa International A.	0.6	2.6	3.9	3.4	3.4	3.7	2.2	3.8	1.8	1.5	2.3	2.4	30.20
Ottawa Rockcliffe A.	0.5	2.6	3.2	2.3	3.5	3.7	2.2	3.8	1.8	1.5	2.3	2.4	30.00
Carleton Place	0.3	2.3	1.5	3.8	2.7	4.0	4.3	2.3	1.0	1.3	2.5	1.8	26.20
Dalhousie L.	0.3	2.0	2.0	2.7	3.3	2.4	3.0	3.8	1.5	0.9	1.7	1.7	26.20
Killaloe A.	0.3	1.0	1.3	2.6	2.3	2.0	4.7	3.1	2.3	0.5	2.3	1.2	22.20
Killaloe A.	0.4	1.6	1.9	3.3	3.6	2.2	3.9	3.9	1.9	1.0	2.0	1.6	27.30
Chenau	0.4	1.6	1.9	3.3	3.6	2.2	3.9	3.9	1.9	1.0	2.0	1.6	27.30
Chalk R.	0.6	1.7	2.3	3.1	2.6	2.6	5.7	3.6	3.3	1.0	1.7	3.8	33.80
1962													
Kingston Ont. Hydro	1.5	3.8	0.9	2.6	2.6	2.6	4.0	2.3	4.4	3.4	2.1	3.0	30.60
Brockville	2.5	3.3	1.3	3.0	1.7	2.6	3.8	3.3	3.1	4.5	2.3	2.7	31.30
Kemptville	3.1	2.6	1.6	2.9	1.5	1.4	3.3	1.7	2.9	4.6	1.8	2.0	31.30
Morrisburg	2.5	3.2	0.6	4.6	1.2	2.5	6.7	4.5	3.3	4.8	1.6	1.9	31.40
Cornwall Ont. Hydro	2.5	3.2	0.6	4.6	1.2	2.5	6.7	4.5	3.3	4.8	1.6	1.9	31.40
Ottawa International A.	2.3	2.6	1.8	3.2	1.5	2.9	5.1	2.2	2.8	4.5	2.4	1.9	33.10
Ottawa Rockcliffe A.	2.2	2.6	1.0	3.3	3.8	3.3	3.8	3.3	2.2	4.8	2.1	2.0	33.10
Carleton Place	1.7	2.8	1.3	1.6	2.5	3.5	3.5	2.7	2.0	1.3	1.4	1.4	26.60
Dalhousie L.	2.1	3.0	1.2	2.7	2.1	3.7	2.2	1.6	2.5	2.5	2.3	2.3	23.00
Killaloe A.	1.6	1.9	1.0	2.1	2.1	1.6	1.1	1.3	3.4	2.5	1.8	2.6	23.00
Killaloe A.	1.9	3.0	1.7	2.4	2.5	2.9	2.5	2.5	3.2	3.4	0.2	3.4	33.80
Chenau	1.9	3.0	1.7	2.4	2.5	2.9	2.5	2.5	3.2	3.4	0.2	3.4	33.80
Chalk R.	1.5	2.8	1.7	2.4	2.5	2.9	2.5	2.5	3.2	3.4	0.2	3.4	33.80
1963													
Kingston Ont. Hydro	3.51	1.72	2.67	3.72	3.31	1.94	1.47	5.67	2.20	0.96	5.01	3.49	36.69
Brockville	3.19	1.79	2.74	4.06	2.39	2.48	2.01	4.64	3.08	1.07	4.92	1.47	33.84
Kemptville	1.60	1.64	1.46	3.20	2.19	0.68	1.63	4.27	4.08	1.16	5.50	1.66	29.07
Morrisburg	1.22	2.07	1.84	3.10	2.21	0.63	1.59	3.87	3.06	0.98	0.72	0.72	29.07
Cornwall Ont. Hydro	1.50	1.91	2.14	2.81	2.27	2.67	2.46	3.83	4.15	1.14	6.26	1.14	36.26
Ottawa International A.	1.26	2.02	2.34	2.68	3.01	1.15	3.18	5.33	4.51	0.70	6.52	1.16	33.79
Ottawa Rockcliffe A.	1.26	2.02	2.34	2.68	3.01	1.15	3.18	5.33	4.51	0.70	6.52	1.16	33.79
Carleton Place	1.03	1.52	1.88	1.77	2.58	1.28	3.34	3.81	4.99	0.49	5.88	2.41	32.58
Dalhousie L.	1.03	1.52	1.88	1.77	2.58	1.28	3.34	3.81	4.99	0.49	5.88	2.41	32.58
Killaloe A.	1.03	1.52	1.88	1.77	2.58	1.28	3.34	3.81	4.99	0.49	5.88	2.41	32.58
Killaloe A.	1.03	1.52	1.88	1.77	2.58	1.28	3.34	3.81	4.99	0.49	5.88	2.41	32.58
Chenau	1.45	2.10	1.48	2.95	2.05	0.79	2.10	3.34	3.44	1.42	5.65	1.62	27.75
Chenau	1.45	2.10	1.48	2.95	2.05	0.79	2.10	3.34	3.44	1.42	5.65	1.62	27.75
Chalk R.	1.58	1.77	3.02	2.69	2.42	1.17	1.53	4.01	3.84	1.06	4.22	1.28	28.59
1964													
Kingston Ont. Hydro	2.80	1.15	2.54	4.17	2.70	1.35	1.93	2.52	0.71	1.35	2.64	4.13	27.99
Brockville	2.83	1.59	3.38	3.49	2.37	1.34	1.27	1.97	0.95	1.78	3.33	3.48	28.08
Kemptville	2.70	1.41	1.45	2.18	2.53	1.16	3.22	2.14	2.08	1.20	2.82	3.14	26.03
Morrisburg	2.70	1.41	1.45	2.18	2.53	1.16	3.22	2.14	2.08	1.20	2.82	3.14	26.03
Cornwall Ont. Hydro	2.56	1.23	1.32	2.17	2.45	0.96	3.10	2.31	1.45	0.75	3.06	3.54	31.57
Ottawa International A.	2.78	1.30	1.81	2.27	2.00	1.66	3.81	2.67	2.72	1.22	2.33	2.84	27.41
Ottawa Rockcliffe A.	2.78	1.30	1.81	2.27	2.00	1.66	3.81	2.67	2.72	1.22	2.33	2.84	27.41
Carleton Place	1.43	0.55	1.82	1.77	2.37	1.02	1.37	2.72	1.18	2.80	2.94	2.09	20.26
Dalhousie L.	1.43	0.55	1.82	1.77	2.37	1.02	1.37	2.72	1.18	2.80	2.94	2.09	20.26
Killaloe A.	2.24	0.95	1.76	1.69	1.99	1.86	2.86	1.29	2.23	2.27	2.33	3.22	24.69
Killaloe A.	2.24	0.95	1.76	1.69	1.99	1.86	2.86	1.29	2.23	2.27	2.33	3.22	24.69
Chenau	1.43	0.98	1.77	1.82	2.77	1.86	1.44	2.02	2.55	0.69	2.87	3.09	24.69
Chalk R.	1.43	0.98	1.77	1.82	2.77	1.86	1.44	2.02	2.55	0.69	2.87	3.09	24.69
Average													
Kingston Ont. Hydro	2.79	2.41	2.80	2.80	2.99	2.56	3.08	2.96	3.34	2.96	3.10	3.26	35.05
Brockville	3.38	2.91	3.19	3.06	3.18	2.60	2.88	3.03	3.24	2.87	3.21	3.60	37.15
Kemptville	2.27	2.07	2.41	2.65	2.85	2.64	2.84	2.89	3.01	2.56	2.63	2.65	31.47
Morrisburg	3.29	3.14	3.00	3.31	3.30	2.80	3.27	3.05	3.46	2.73	3.11	3.37	37.83
Cornwall Ont. Hydro	2.87	2.79	3.05	2.91	3.08	2.72	2.46	3.21	2.77	2.15	2.45	2.67	33.13
Ottawa International A.	2.38	2.30	2.61	2.64	2.95	3.01	3.08	3.00	3.02	2.65	2.65	3.26	33.55
Ottawa Rockcliffe A.	2.99	2.66	2.75	2.94	3.04	2.63	3.15	2.94	2.77	2.51	2.77	3.51	36.04
Carleton Place	2.87	2.43	2.30	2.50	2.41	2.63	2.18	2.85	2.71	2.39	2.19	2.75	30.21
Dalhousie L.	2.53	2.16	2.76	2.78	2.89	2.94	2.88	2.49	3.01	2.64	2.74	2.70	32.52
Killaloe A.	1.76	1.69	1.77	1.93	2.74	2.38	2.80	2.48	2.69	2.15	2.09	2.00	26.48
Killaloe A.	1.76	1.69	1.77	1.93	2.74	2.38	2.80	2.48	2.69	2.15	2.09	2.00	26.48
Chenau	2.21	2.24	1.90	2.07	2.38	2.89	2.81	2.66	3.12	2.44	2.08	2.45	29.25
Chenau	2.21	2.24	1.90	2.07	2.38	2.89	2.81	2.66	3.12	2.44	2.08	2.45	29.25
Chalk R.	1.99	2.01	1.94	2.24	2.48	3.15	3.39	3.21	3.05	2.63	2.37	2.10	30.56

1. Information courtesy of the Meteorological Branch, Canada Department of Transport.  
2. Meteorological Branch, Canada Department of Transport, publication C.D.S. # 9-65.  
A. Airport.

The South Nation River drains an area of mixed surface features consisting of clay plains, sand plains, till plains and moraines, bedrock outcrops and marshes. The stream is in many respects under-developed due to lack of gradient, and there are difficult problems of drainage and flood control within its basin.

The Rideau River rises in the shield and empties into the Ottawa River at Ottawa where it falls over a limestone ledge in a beautiful curtain of water. The Rideau Lakes, found along the juncture of the Precambrian and Paleozoic rocks serve as a reservoir for the Rideau River drainage. The whole of the Rideau River has been canalized. Commercial navigation has disappeared and has been replaced by pleasure boating.

The Mississippi River, like the Rideau, rises in the shield and flows over a limestone and a clay plain before discharging into the Ottawa River at Galetta. The Clyde and Fall rivers are important tributaries. The river has been exploited for power developments which are relatively speaking of small capacity.

The Madawaska River rises in the shield in Algonquin Park, which is outside of the southeastern area. A large part of the river is within the area, where it drains several large lakes. Within the shield the river flows through many scenic gorges. A short distance from its mouth at Arnprior it has cut a deep valley through a clay plain. There are several reservoirs and regulating dams and the river has been exploited for power.

The Bonnechere River rises in Algonquin Park, flows in a southeasterly direction and discharges into the Ottawa River at Castleford. The stream is almost entirely controlled by the block faulted relief of the area. In the upper reaches the bounding escarpments are more than 500 feet in height. Where the river crosses the Paleozoic limestones and Pleistocene deposits it has cut deep valleys.

The Muskrat and Indian rivers are small but interesting rivers which combine to form a common outlet at Pembroke.

The Ottawa River forms the eastern boundary with the Province of Quebec. It rises in the shield and flows through a deep but rather narrow valley. In its course there is a chain of stillwaters or lakes connected by sections of steeper gradient often with rapids and waterfalls. The Ottawa has had an important role in the development of Canada as a route for early explorers and fur traders and for the transportation of logs. In more recent times it has been developed for hydro-electric power generation.

## HYDROGEOLOGY

The Precambrian rocks in the western part of the area are complex, igneous and metamorphic types which usually supply sufficient water for domestic purposes. The water occurs in joints, cracks, fractures and along cleavage planes which are irregularly present in the upper portions of the bedrock. The fissures diminish with depth. In the eastern part of the area and in the southern part of Frontenac County the Precambrian rocks are overlain by younger sedimentary rocks of the Paleozoic Era. The oldest Paleozoic rocks are composed of sandstones of the Potsdam and Nepean Formations. These rocks make up the bedrock in areas adjoining the Precambrian Shield. The formation generally comprises relatively pure, light-grey, silica sandstone. It is cemented in places by a cementing medium of silica. At other horizons, especially in the upper part of the formation, the cementing medium is often calcareous or of iron oxide. The Potsdam and Nepean Formations are generally a good source of water supply. Further to the east the bedrock consists of dolomites and sandstones of the Beekmantown Group, and limestones and shales of the Chazy Group. Generally adequate supplies of fresh water are obtained from these formations.



In the northern and northeastern part of the area the bedrock geology is controlled by numerous faults. There are large areas in the eastern, northern, and southwestern parts of the area where limestones of the Black River and Trenton Groups (Ottawa Formation) comprise the bedrock. The water-yielding characteristics of these formations are variable; at some places the water is highly mineralized and at others these formations are too dense to yield much water.

Younger bedrock formations are the Collingwood or Billings, the Lorraine and the Queenston. Shales are the predominant rocks in these formations. However, there are some limestone interbeds in the Lorraine Formation. The water-yielding characteristics of these formations are generally poor. Wells terminating in the Lorraine Formation quite often yield salty water.

The unconsolidated deposits above the bedrock range in thickness from zero to about 260 feet. Most of the overburden deposits were laid down during or after the last glaciation in the Pleistocene and Recent Epoch.

While in other parts of Ontario most of the overburden was formed by actions related to the ice, in southeastern Ontario a considerable part of the overburden was deposited in a marine environment and by subsequent fluvial action.

In the southeastern area there are evidences of at least three different ice invasions. The ice deposited a mantle of glacial till and some end moraines. Tills are composed of poorly-sorted mixtures of clay, sand, silt, gravel and boulders. The till plains, especially in the southern and southeastern parts of the area, are very bouldery. In many places the till is in the form of drumlins; however, the drumlins in this area are not as high as is generally the case elsewhere in the province.

Tills of ground moraines and of end moraines are normally poor aquifers because grains of different sizes are mixed and form a relatively dense medium. Furthermore, in the southeastern area the till areas are generally thin and do not support sizable aquifers.

Glacial deposits laid down under melting conditions in the form of stratified deposits of silt, sand and gravel have good water-bearing characteristics. Such deposits are kames and kame moraines of which a few were deposited in the southwestern part of the area. Other important water-sorted deposits associated with the ice margin are deltas and outwash plains. In the southeastern area the glacial melt water deposited sand in large areas. Much of the sand was probably spread about, subsequent to original deposition, by the waves of the Champlain Sea which covered much of the area after glaciation.

Long, sinuous ridges known as eskers and composed of poorly sorted sands and gravels were formed by glacial rivers flowing under or inside the ice mass. A few of them are present in the north-central part of the area. They resemble railway embankments in appearance and may extend for many miles in a direction generally parallel to the ice movement. Eskers in most cases are good aquifers but their limited areal extent generally limits production to small quantities. They are excellent sources for domestic supplies.

Well sorted sand, silt or clay deposits laid down in glacial lakes are called glacio-lacustrine deposits. After the retreat of the ice from the southeastern area glacial Lake Iroquois covered the southwestern part of the area around the present City of Kingston. Some other small glacial lakes existed in the area before the Champlain Sea inundated most of the southeastern area. After the sea retreated parts of the area were covered by lakes again. In the lakes and the sea, thick layers of varved clays and silts were deposited; many beaches and beach ridges consisting of sands and gravels were formed by the changing water levels and wave action. The marine clays in some areas are overlain by alluvial and dune sands. In some depressions and poorly drained areas peat bogs were formed. The lacustrine and marine clays are very impervious and are poor aquifers, however, most of the beach and alluvial sands and gravels make good aquifers.

## GROUND WATER

### Occurrence and Source

Ground water is the water that occurs below the surface of the ground in the zone of saturation, where all pore spaces and fractures are filled with water. The surface of the saturated zone is called the water table. A formation that will hold, transmit and yield ground water in usable quantities is known as an aquifer.

Precipitation in the form of rain and snow is the main source of ground water. In general, approximately forty per cent of all precipitation becomes surface runoff and ground water. The rest is returned to the atmosphere by evaporation from the soil and open bodies of water, and by transpiration from vegetation. Precipitation averages over 30 inches annually in most parts of southern Ontario. Forty per cent of this amounts to 174 million gallons on each square mile of land surface, and generally less than one half of this is available as ground water through infiltration before it discharges to streams or lakes. In sandy areas the rate of infiltration is higher than in clay areas and the amount of water available for ground-water recharge is correspondingly greater.

Numerous factors, such as the amount and intensity of rainfall, nature of soil and vegetation, slope of land surface, and wind and temperature conditions govern the portion of precipitation that becomes ground water. Before large withdrawals of ground water are planned in an area, a reliable estimate should be made of the average perennial recharge of the aquifer. If this is done, the depletion of ground water stored in aquifers can usually be avoided, and pumping installations can be designed for long, economical use.

The amount of water that can be extracted in any area depends on the character of the aquifer and the amount of recharge. Fine-grained materials such as clay or silt have high porosities and abilities to hold large quantities of water in storage but they have low permeabilities which hinder the movement of water through them and make them poor sources of supply. Wells developed in such materials do not meet normal household requirements adequately. Coarse sediments such as coarse sands and gravels, have high permeabilities and are usually very good sources of ground water.

At the end of 1964 there were 42 municipal water supply systems in the southeastern area. Of these eleven obtained their supplies from ground-water sources and one relied on both ground- and surface-water sources.

### Regional Aquifer Characteristics

The general water-bearing characteristics of the different geologic formations of the southeastern area are discussed in the section dealing with hydrogeology. The conditions by county or groups of counties are discussed below and give some idea of the variability of conditions over the whole area.

In parts of the counties of Frontenac, Renfrew, Lanark, Leeds and Carleton, where the bedrock is Precambrian in age, the availability of ground water is quite variable. The drift is generally thin or non-existent and most wells penetrate into the bedrock. The bedrock wells usually supply sufficient water for the average family needs.

In the southern part of the County of Frontenac the limestone bedrock yields small supplies and in many cases, especially in the Kingston area, sulphurous water is reported.

The counties of Leeds and Lanark are underlain by Paleozoic rocks in the eastern part. There seems to be a fairly good supply of ground water in the Beekmantown dolomites. The drift is quite thin or missing in places. Water obtained from drilled wells in the underlying rock is usually of good quality. Many springs are reported. Most of the recent wells are drilled rather than dug.



In the counties of Grenville and Carleton, the ground-water conditions are variable. The bedrock in Carleton varies from Precambrian rocks to sedimentary rocks of the Paleozoic Era. All Paleozoic formations found in the southeastern area are represented in the County of Carleton. Many wells get their supplies from the limestone bedrock and to a lesser extent from the sandstone bedrock. Highly mineralized water is obtained from the shale area. Problems of salt and sulphur are encountered in parts of the townships of Fitzroy, Torbolton and Gloucester. The thickness of the drift varies considerably; in certain areas it yields considerable supplies of water. In the County of Grenville, many wells, some of which are flowing artesian wells, obtain their water from the Beekmantown dolomite bedrock.

The United Counties of Stormont, Dundas and Glengarry have had serious water conditions in periods of drought. In Dundas, ground-water conditions are generally satisfactory, although there are local problems with hydrogen sulphide. In the County of Stormont there are scattered areas with quite limited ground-water supplies. In the County of Glengarry the bedrock is composed mainly of limestone. There are hydrogen sulphide problems in some of the northern parts of the county, but little is known of the yields although geologic conditions indicate that the bedrock should generally yield sufficient quantities of water.

In the United Counties of Prescott and Russell there are areas where the water situation is serious, particularly in the clay plains along the Ottawa River. Between Carlsbad Springs and Caledonia Springs the deeper wells pick up sulphurous and salty water from both the overburden and the bedrock. The highly mineralized water in Carlsbad Springs and Caledonia Springs has been used for medicinal purposes. In Carlsbad Springs the water comes from the Dundas (Lorraine) shale bedrock and from the lower part of the overburden. In Caledonia Springs the mineral water is obtained from the Cobourg limestone beds of the upper part of the Ottawa Formation. Besides the high sodium chloride and hydrogen sulphide content, the water in both places has some radioactive emanations. (A. E. Wilson, *Geology of Ottawa-St. Lawrence Lowland Ontario and Quebec*, Geological Survey Memoir 241.)

It is significant to note that salty water is usually encountered where wells have entered the Dundas (Lorraine) shales in the southeastern area.

Ground-water problems are associated in the southeastern area with areas having:

- a) thin drift,
- b) shale bedrock or limestone bedrock in certain places,
- c) considerable thickness of marine clays.

Relatively thin sandy layers, overlying or interbedded within the marine clays, yield supplies that are adequate at times of normal precipitation, but which may be insufficient under drought conditions. The answer to many of the water problems in such areas may be deeper wells. Where the bedrock consists of limestone, sandstone or dolomite, drilling into the bedrock may produce wells of adequate capacities.

#### Surveys and Investigations

During the period of 1960 to 1964 the Ontario Water Resources Commission assembled ground-water data and gave assistance to individuals, industries and municipalities in dealing with problems related to ground water.

Ground-water studies included contributions to county water resources surveys, special investigations which were related to a variety of subjects, hydrogeologic surveys undertaken chiefly for municipalities, and supervision of OWRC test drilling and well construction projects.

Brief descriptions of the activities of the OWRC in the southeastern area for the years 1960 to 1964 are given below:

a) County Water Resources Surveys - Water resources surveys were undertaken in the counties of Carleton and Frontenac.

b) Special Investigations - A total of nineteen investigations were carried out involving the supervision of pumping tests on non-Commission projects; short surveys for better water supplies for individuals, institutions and communities; pollution of water wells; water-level interference problems, and effects of waste disposal on ground water.

c) Hydrogeologic Surveys - Ground-water surveys involving field investigations and reviews of ground-water conditions were undertaken for fourteen municipalities. The larger municipalities involved were the City of Cornwall, the towns of Alexandria, Almonte and Vankleek Hill and the townships of Cumberland, Gloucester and Stafford.

d) Test-Drilling and Well-Construction Projects - The Division was active in test-drilling and well-construction projects in the Town of Vankleek Hill, in the villages of Chesterville, Eganville, Plantagenet and Winchester and in the townships of Cumberland and Gloucester (Orleans). All test-drilling projects were successful in locating water supplies sufficient for municipal purposes except in Eganville where a small capacity well was left for use as an emergency source of supply.

A number of other agencies carried out studies in the fields of ground water and pleistocene geology or published reports containing ground-water or other related geological information for areas in southeastern Ontario during the period 1960 to 1964. A summary of the activities of these agencies is given below.

The Geological Survey of Canada published reports dealing with the surficial geology of the Ottawa, Cornwall, Kingston and Gananoque areas; the ground-water study of the Ottawa-Hull area; the deglaciation of the St. Lawrence Lowland; the history of the Mer Bleue Bog and a hammer refraction seismic survey of the Mer Bleue Bog.

The Ontario Department of Mines published a geological circular describing the geology of the Madoc-Gananoque area and a preliminary report on the relationship of mineral deposits to intrusive rocks and metamorphism in part of the Grenville Province of southeastern Ontario.

The Ontario Department of Energy and Resources provided information in its annual reports on the well logs of all oil and gas wells drilled during the period. The logs include information on levels where ground water was encountered and on water quality.

The Ontario Department of Agriculture published soil survey reports for the counties of Prescott, Russell and Renfrew.

The Ontario Department of Highways (DHO) and several private firms carried out numerous soil and foundation investigations along highways and at bridge and building sites in the southeastern area. The reports for most of these investigations contain details of the geologic and ground-water conditions at the test sites. Copies of soil investigation reports on the DHO projects are on file with the Ontario Water Resources Commission.

## WATER WELLS

Most wells are constructed to obtain water but some are constructed for other purposes, such as to find and test aquifers suitable for the construction of high capacity wells, to measure changes of ground-water levels or changes in ground-water quality, and to recharge aquifers.



There are many methods for constructing wells. The selection of method depends on the character of formations to be penetrated, the proposed use of the well, the diameter and depth, the quantity of water required, and economic considerations. Proper investigations to determine the correct selection of materials and sizes of well components, along with good well construction practices are worthwhile investments in the development of wells.

Water supplies from shallow aquifers can be extracted by dug, bored, drilled, driven, or jetted wells. Shallow overburden wells are generally dug or bored wells and are important where only poor quality water is obtainable at depth or where other aquifers are deep and drilling to them is very costly. They generally have large diameters which provide storage capacity for water percolating slowly into the wells from formations of poor permeability.

Water supplies from deep aquifers in the overburden or bedrock can be developed most readily by wells drilled by cable tool, hydraulic rotary, air rotary, reverse rotary, or percussion methods. As a general rule, drilled wells which reach deeper aquifers are not readily affected by seasonal variations in precipitation and usually provide a more dependable water supply.

In many cases, wells not constructed in a sanitary manner have become contaminated. This is caused commonly by surface drainage, containing contaminants, entering the well through the well cover or through cracks or openings in the casing, or cribbing near the top and polluting the ground water. All wells should be constructed to prevent surface water getting into them. In addition to using water-tight materials, the well top should be raised above the ground surface and the ground should be sloped away from the well. The surface seal and other parts of a well should be checked at regular intervals to ensure that they are effective in safeguarding the supply.

Wells used by municipalities or for other public water supplies come under the jurisdiction of the Ontario Water Resources Commission while private wells have to comply with the regulations of the Ontario Department of Health. Water in private wells should be tested periodically for bacteria. Samples should be sent to the nearest regional laboratory of the Ontario Department of Health.

When a pumped well has a normal static level and its pumping level keeps dropping, deterioration of the well is indicated. This deterioration could have been caused by a poorly constructed well which did not have a screen in a formation that required one, by the use of the wrong size of screen, by pumping at a higher rate than that recommended for the formation and screen selected, by screen openings or crevices in a rock formation becoming sealed with precipitates of lime or ferruginous scale, or by the deterioration of the screen due to electrolytic or bacterial action. Rehabilitation of many wells is possible but depends on identifying the causes of the problems, and the costs involved.

#### Observation Wells

The measurement of water levels in wells at regular intervals is an important part of the inventory of our ground-water resources. The number and type of observation wells in operation throughout Ontario are summarized below:

	1960	1961	1962	1963	1964
Wells with automatic recorders	13	15	15	25	25
Wells measured manually	14	13	15	31	48
Total observation wells	27	28	30	56	73

The observation wells are listed by county in Table II. Descriptions and water-level measurements of observation wells in the southeastern area of Ontario are given in Appendix A. All water-level changes are measured in feet. Most water-level measurements are given as the distance from land surface at the well head to the water surface in the well.

TABLE II - OBSERVATION WELLS MEASURED DURING 1960-1964 FOR THE ONTARIO WATER RESOURCES COMMISSION

Location	OWRC Well No.	Well Located on Property Owned by:	Water Levels Measured by	Measurements		Well Depth Feet	Aquifer
				Commenced	Discontinued		
Brant County Brantford Twp. Con.I,lot 29	85	Geo.McLaughlin	Geo.McLaughlin	Sept.3,1959	July 26,1961	99	Rock
Carleton County Nepean Twp., Con.I,O.F.lot 5	115	Nepean Township	D.Forbes	May 29,1963		105	Grey granite
Nepean Twp. Con.II,O.F.lot 5	132	National Capital Commission	R.G.Pearce	Jan.22,1960		100	Nepean Sandstone
Nepean Twp. Con.II,O.F.lot 18	133	Teron Construction Co.	R.G.Pearce	Jan.21,1960	July19,1963	90	Clay
Gloucester Twp. Con.II,O.F.lot 15	134	National Capital Commission	R.G.Pearce	Jan.29,1960		700	Limestone
Gloucester Twp. Con.I,O.F.lot 21	135	Minto Construction Co.	R.G.Pearce	Feb.11,1960		110	Clay
Dufferin County East Luther Twp. Con.IV,lot 29	46	I.Potter	I.Potter	Nov.27,1953		35	Sand
Dundas County Chesterville	152	L.E.Marcellus	L.E.Marcellus	Sept.10,1964		51	Rock
Durham County Clarke Twp. Con.VI,lot 8	143	A.Foster	A.Foster	Aug.11,1964		15	Overburden
Haldimand County North Cayuga Twp. Jones Tract lot 23	5	Canada Dept. of Transport	C.W.Beckerson	June29,1946		125	Limestone
North Cayuga Twp. Jones Tract lot 23	64	Canada Dept. of Transport.	C.W.Beckerson	Apr.15,1954		100	Limestone
Halton County Trafalgar Twp., Con.III,lot 14	38	C.Wilson	C.Wilson	Sep.14,1946		12.5	Overburden
Lambton County Forest	56	Forest P.U.C.	S.Ellerker	Nov.28,1946		110	Overburden
Middlesex County Adelaide St., London.	15	London P.U.C.	O.W. Logan	June20,1946		40	Sand,gravel
Westminster Twp. Con.II,lot 48	29	G.Uptigrove	O.W.Logan	June24,1952		96	Sand,gravel
Westminster Twp. N.T.R,East Side lot 62	71	R.McDougall	O.W.Logan	Oct.16,1958		30	Overburden
Westminster Twp. Con.V,lot 22	513	C.Holborn	O.W.Logan	Sept.9,1959		144	Sand,gravel
Westminster Twp. Con.II,lot 18	72	Ontario Hydro-Electric Power Commission	H.E.P.C.Personnel	Mar. 1,1960	Sept.27,1964	153	Sand,gravel



TABLE II-OBSERVATION WELLS MEASURED DURING 1960-1964 FOR THE ONTARIO WATER RESOURCES COMMISSION

Location	OWRC Well No	Well Located on Property Owned by	Water Levels Measured by	Measurements		Well Depth Feet	Aquifer
				Commenced	Discontinued		
Westminster Twp. Con. II, lot 18	73	Ontario Hydro- Electric Power Commission	H. U. P. C Personnel	Feb. 3, 1960		220	Shale
Glencoe	86	Village of Glencoe	F. Anderson	Dec. 4, 1959	Mar. 11, 1961	215	Clay, gravel
Westminster Twp. Con. VIII, lot 15	91	London P. U. C.	O. W. Logan	Apr. 14, 1961		231.5	Sand, gravel
North Dorchester Twp. N. T. R. Con. I, lot 2	92	G. Hodgins	O. W. Logan	Oct. 25, 1961		450	Rock
Delaware Twp. Con. I, lot O. E.	95	H. C. Brody	O. W. Logan	May 30, 1963		101	Shale
Delaware Twp. Con. I, lot 2	96	G. Gubbels	G. Gubbels	May 16, 1963	July 22, 1963	12	Overburden
Delaware Twp. Con. II, lot 1	97	P. A. Doumoulin	R. Summers	May 16, 1963	May 28, 1964	160	Gravel
Lobo Twp. Con. I, lot 4	98	H. Wales	O. W. Logan	May 16, 1963		109	Gravel, clay
Lobo Twp. Con. III, lot 3	99	B. Franks	B. Franks	May 16, 1963		15	Sand, gravel
Lobo Twp. Con. II, lot 5	100	P. Westbrook	P. Westbrook	May 16, 1963		19	Sand, gravel
Lobo Twp. Con. I, lot 4	105	H. Wales	O. W. Logan	June 7, 1963		102	Shale
Lobo Twp. Con. I, lot 6	107	London P. U. C.	O. W. Logan	June 24, 1963		130	Sand, gravel
Lobo Twp. Con. I, lot 7	113	W. Tunks	O. W. Logan	Dec. 19, 1963		81	Shale
Westminster Twp. Con. VI, lot 18	114	G. Carrothers	O. W. Logan	May 6, 1959		205	Clay, gravel
Norfolk County Simcoe	25	Simcoe P. U. C.	C. E. Maxwell	Oct. 1, 1954		26	Gravel
Simcoe	93	Simcoe P. U. C.	C. E. Maxwell	Jan. 7, 1963		73	Gravel
Simcoe	94	Simcoe P. U. C.	C. E. Maxwell	Jan. 7, 1963		78	Gravel
Oxford County West Oxford Twp. Con. III, lot 2	13	Woodstock P. U. C.	N. Copp	July 5, 1946		75	Gravel
East Zorra Twp. Con. X, lot 12	58	Dr. J. A. Vance	C. Scott	Apr. 10, 1956		147	Limestone
East Zorra Twp. Con. XII, lot 3	101	Upper Thames River Conser- vation Authority	N. Copp	May 7, 1962		61	Rock
East Zorra Twp. Con. XII, lot 3	102	Upper Thames River Conser- vation Authority	N. Copp	June 28, 1962		91.6	Rock
East Zorra Twp. Con. XII, lot 4	103	Upper Thames River Conser- vation Authority	N. Copp	June 28, 1962		51.7	Rock
East Zorra Twp. Con. XII, lot 4	104	Upper Thames River Conser- vation Authority	N. Copp	June 28, 1962		17.6	Sand

TABLE II-OBSERVATION WELLS MEASURED DURING 1960-1964 FOR THE ONTARIO WATER RESOURCES COMMISSION

Location	OWRC Well No.	Well Located on Property Owned by:	Water Levels Measured by	Measurements		Well Depth Feet	Aquifer
				Commenced	Discontinued		
Blandford Twp. Con.II, lot 16	111	W.Smith	W.Smith	Nov.29,1963		16.6	Overburden
Blandford Twp. Con.II, lot 16	112	W.Smith	W.Smith	Dec. 7,1963		45	Overburden
Peel County Brampton	18	Dale Estate Ltd.	OWRC Personnel	Apr.18,1952		30	Overburden
Toronto Twp. C.I.R. Range III lot 13	65	J.A/O.M.Schinck	O.M.Schinck	June 4,1954		27	Sand,gravel
Perth County Stratford	19	Stratford P.U.C.	P.U.C. Personnel	Oct.26,1946		350	Limestone
Blanshard Twp. West boundary Con. lot 24	44	Canada Dept. of National Defence	R.C.A.F. Personnel	Oct. 7,1952		37.5	Sand,gravel
Fullarton Twp., Mitchell Road E. lot 16	51	Upper Thames River Conservat- ion Authority	A.Morris	Nov. 2,1957		18	Sand, gravel
Downie Twp. Con.XIV, lot 1	108	Upper Thames River Conservat- ion Authority	U.T.R.C.A. Personnel	June20,1963		72	Rock
Prescott County South Plantagenet Twp.Con.XVIII. lot 10,NW $\frac{1}{4}$	154	C.Ranger	C.Ranger	Oct.27,1964		13.5	Overburden
Russell County Russell Twp. Con III,lot 11E $\frac{1}{2}$	153	L.Provost	L.Provost	Oct.27,1964		55	Rock
Simcoe County Essa Twp. Con.III,lot 30, Police Village of Angus	7	Ontario Dept. of Lands and Forests	J.M.Dobson	June 6,1950		20	Sand
Midland	118	Midland P.U.C.	P.U.C. Personnel	June19,1964		110	Sand,stones
Orillia Twp. North Division Con.VI,lot 19W $\frac{1}{2}$	144	O.Jeremy	O.Jeremy	July29,1964		12	Overburden
Tay Twp. Con.VIII,lot 9	146	A.Olszaniecki	A.Olszaniecki	July30,1964		18	Overburden
Waterloo County Elmira	32	Elmira P.U.C.	P.U.C. Personnel	Nov.30,1946		118	Sand,gravel
Elmira	33	Elmira P.U.C.	P.U.C. Personnel	Nov.30,1946		59	Sand,gravel
Kitchener Shoemaker Avenue	34	Kitchener Water Commission	J.S.Leslie W.Schmidt	Sep.11,1946		370	Dolomite
Kitchener Shoemaker Avenue	35	Kitchener Water Commission	J.S.Leslie W.Schmidt	Sep.11,1946		196	Dolomite



TABLE II-OBSERVATION WELLS MEASURED DURING 1960-1964 FOR THE ONTARIO WATER RESOURCES COMMISSION

Location	OWRC Well No.	Well Located on Property owned by:	Water Levels Measured by:	Measurements		Well Depth Feet	Aquifer
				Commenced	Discontinued		
Kitchener Strange Street	59	Kitchener Water Commission	E.G.Boeckner W.Schmidt	Nov.29,1946		202	Dolomite
Kitchener Bechtel's Tract	82	A.Kaufman	A.Kaufman	May 10,1958		127	Sand,gravel
Kitchener Bechtel's Tract	83	H.Becker	H.Becker	May 8, 1958		120	Sand
Waterloo Twp. Beasley's lower Block,Con.II, lot 5	87	OWRC for Town of Preston	OWRC Personnel	Feb.13,1959		243	Guelph and Lockport formation
Wilmot Twp. North Bleams Road lot 2	116	Kitchener Water Commission	W.Schmidt	June 8,1962		97	Sand,gravel
Wilmot Twp. South Bleams Road lot 2	117	Kitchener Water Commission	W.Schmidt	June 8,1962		136	Sand,gravel
Welland County Humberstone Twp. Con.I,lot 15	2	W.R.Davison	W.R.Davison	June13,1946		32.5	Limestone
Wellington County Guelph(City)	47	Guelph Water Commission	H.Theaker	Feb. 4,1954		152.6	Dolomite
Guelph(City)	48	Guelph Water Commission	H.Theaker	Feb. 4,1954		202	Dolomite
Puslinch Twp. Con.X,lot 5	125	Guelph Water Commission	H.Theaker	Dec.29,1964		65	Rock
Puslinch Twp. Con.X,lot 6	127	Guelph Water Commission	H.Theaker	Dec.29,1964		122	Rock
Puslinch Twp. Con.X, lot 5	128	Guelph Water Commission	H.Theaker	Dec.29,1964		95	Rock
Puslinch Twp. Con.XI,lot 4	129	Guelph Water Commission	H.Theaker	Dec.29,1964		145	Rock
Puslinch Twp. Con.X,lot 4	130	Guelph Water Commission	H.Theaker	Dec.29,1964		145	Rock
York County North York Twp. Con.III,W,lot 9	20	Kilmer VanNos-trand Ltd.	OWRC Personnel	Aug. 1,1947	July26,1960	211	Sand,gravel
Etobicoke Twp. Con.II,Fronting the Humber,lot 13	40	Township of Etobicoke	S.Parker	Dec. 9,1954		105	Gravel
North York Twp. Con.I,West of Yonge Street lot 16.	90	Metropolitan Corporation of Toronto	OWRC Personnel	Apr. 7,1961		150	Sand,gravel
Markham Twp. Con.III,lot 6	106	Township of Markham	OWRC Personnel	Aug.15,1963		133	Sandy clay, gravel
King Twp. Con.VI,lot 26	147	L.L. Snyder	L.L. Snyder	June 4,1964		9	Overburden

Observation wells are set up for various reasons; to establish the variation of ground-water levels with the changing seasons; to compare water levels in bedrock and overburden aquifers; to determine the effect of ground-water withdrawals by pumping or other means from an aquifer; to show the effects of natural and artificial recharge on an aquifer. Together with data on pumpages, pumping levels, and other aquifer conditions, the water levels in observation wells are needed to calculate the potential yield of an aquifer; determine the performance of wells and well fields; and assess the degree of development of well fields.

The Commission is engaged in the extension and improvement of its observation well network and will co-operate with interested parties who are willing to undertake the measurement of ground-water levels at regular intervals.

The water level measured in an observation well when there is no appreciable withdrawal, recovery, or recharge taking place is referred to as a static level. This level may vary as the result of natural phenomena such as precipitation, ground-water discharge, changes in atmospheric pressures, and seasonal evapotranspiration; or from man-made causes such as pumping and artificial recharging.

Good management of ground water depends on knowledge of the fluctuations of ground-water levels. Water shortages and complaints of well interference can be better understood or resolved by having reliable data on ground-water fluctuations.

The Hydro-Electric Power Commission of Ontario has set up a number of observation wells to study the effect of ground-water levels on the operation of storage basins and generating stations. Details of these wells are listed in Table III. The water-level measurements of these wells are available for reference at the offices of the Ontario Water Resources Commission.

TABLE III - OBSERVATION WELLS MEASURED DURING 1960-1964  
BY THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

Drainage Area	Watershed	Location	Measurements of Water Levels Commenced
Lake Huron	Mississagi River	George W. Rayner Generating Station	Dec. 15, 1952
Moose River	Abitibi River	Abitibi Canyon Generating Station Frederick House Dam Night Hawk Centre Shillington South Porcupine	Oct. 14, 1951 July 12, 1948 Aug. 9, 1948 Aug. 9, 1948 Aug. 9, 1948
Ottawa River	Madawaska River	Algonquin Park Bancroft Bark Lake Dam Carlow Boulter Princes Lake Sproule Bay Whitney	Oct. 21, 1949 Nov. 12, 1949 Nov. 7, 1949 Nov. 18, 1949 Oct. 29, 1949 Nov. 26, 1949 Oct. 28, 1949
Winnipeg River	English River	Ear Falls No. 2 Ear Falls No. 4 Lower Manitou Falls No. 2 Lower Manitou Falls No. 3	Mar. 22, 1954 Mar. 22, 1954 Mar. 22, 1954 Mar. 22, 1954



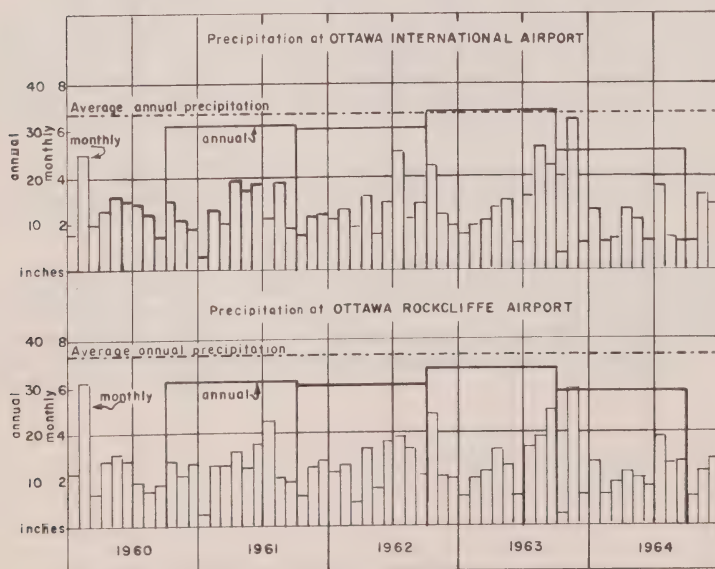
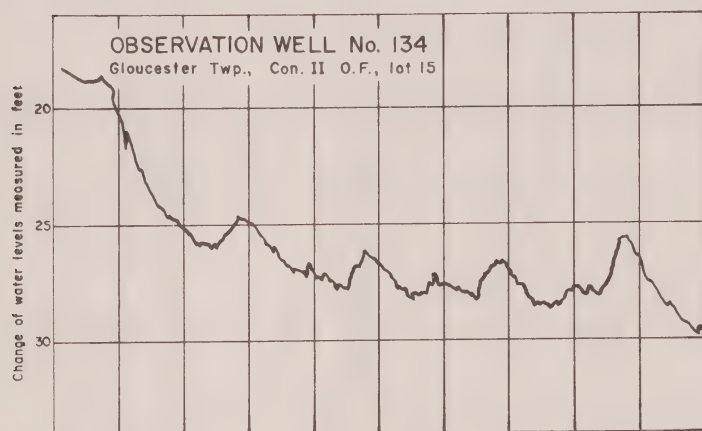
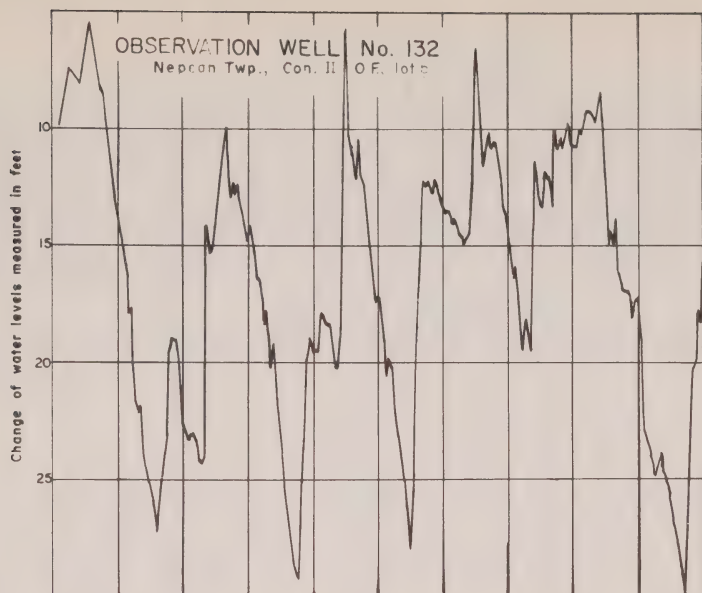


Fig. 1--Hydrographs from data recorded in two rock aquifers

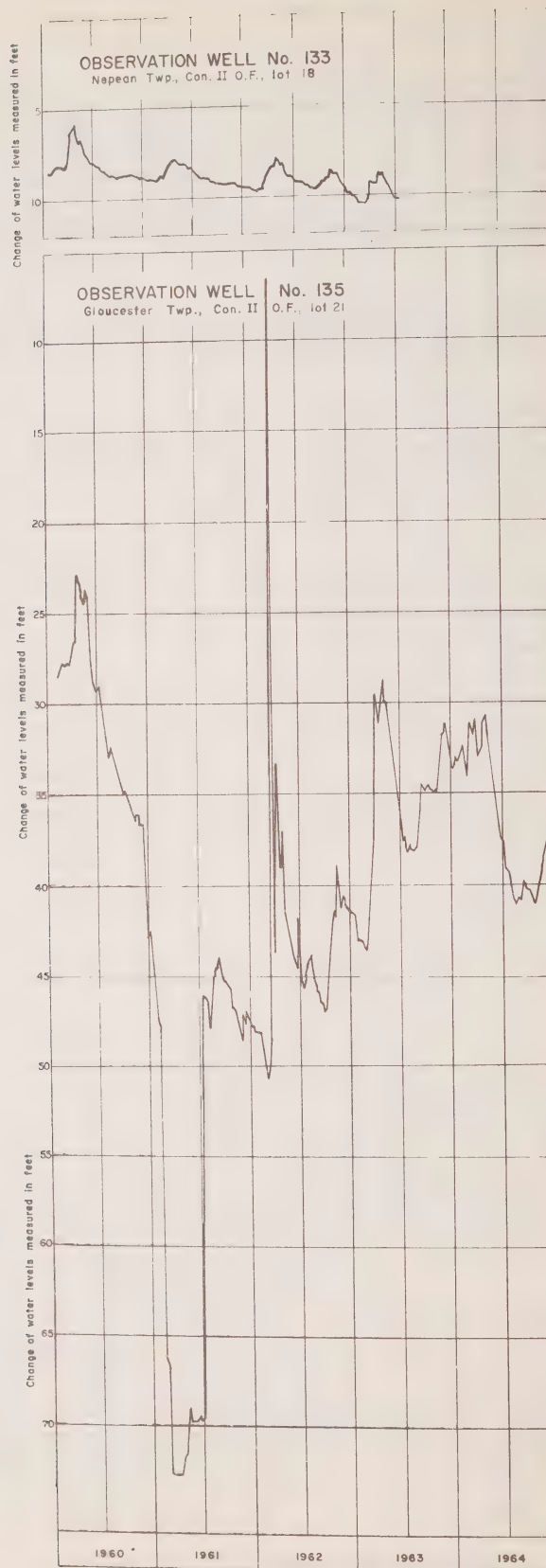


Fig. 2—Hydrographs from data recorded in two overburden aquifers

## Water Level Fluctuations

Figure 1 shows the ground-water level fluctuations in observation well 132 which reflected conditions of a rock aquifer at a depth of 100 feet in the Township of Nepean, and observation well 134 which showed conditions of a rock aquifer at a depth of 700 feet in the Township of Gloucester. Figure 2 shows the ground-water level fluctuations in observation well 133 which reflected overburden aquifer conditions at a depth of 90 feet in the Township of Nepean, and observation well 135 which showed overburden aquifer conditions at a depth of 110 feet in the Township of Gloucester. These are the only observation wells in the southeastern area.

The data were collected by the Hydrologic Sciences Division, Inland Waters Branch, Canada Department of Energy, Mines and Resources, Ottawa, which kindly granted permission to publish them.

### Licensed Boring and Drilling Contractors - 1960-1964

Appendix B is a list of licensed water-well boring and drilling contractors for the whole province and the number of wells constructed by each contractor in each of the years under review. The contractors are listed according to their county or district of residence, but the wells shown against each contractor were not necessarily constructed in the county or district in which the contractor resided.

### Water-Well Records

All water-well records forwarded by contractors are on file at the offices of the Ontario Water Resources Commission in Toronto and are available to the public for reference purposes.

The number of records submitted by contractors for the southeastern area for the period covered by this Bulletin are shown below:

Year	1960	1961	1962	1963	1964
No. of wells reported	1932	1921	1782	1553	1605
Percentage of wells reported to be dry	2	2	1	1	2

Most of the important information from the records has been compiled in Appendix C and summarized in Tables IV to VIII. All information is essentially as supplied by the driller except for obvious errors which have been corrected by the staff of the Hydrologic Data Branch. The logs have rarely been changed, except in a few instances where frequent repetitions of formations in long logs have been combined into more convenient general descriptions.

Wells drilled in parts of townships annexed by adjoining municipalities are recorded generally in the townships in which the wells were situated at the time of construction.

The pumping-test rates, reported in gallons per minute, do not necessarily represent the rates at which the wells could continue to supply water for prolonged periods of pumping. Continuous pumping at the stated rates could have resulted in some of the wells being pumped dry, while others may have been capable of being pumped steadily at much higher rates than those carried out during the pumping tests.



Well water intended for use by municipalities or in churches, schools, hotels, and buildings generally occupied by several families or groups of people, was classified as public supply under the "Use" heading. Water used in garages, stores, and restaurants was classed as commercial; in factories, greenhouses and dairies, as industrial; for market gardens, as irrigation.

Many test holes had no water data recorded. In most, if not all, of these holes some water was encountered, but as a large supply was being sought, usually for municipal purposes, no attempt was made to measure any flow where the formation or water conditions appeared unfavourable for large yields.

County or District	Total No. of wells Drilled	Water-Bearing Formation			Type of Water					Use									
		Over- burden	Bedrock	Not in- drilled	Dry Hole	Fresh	Salt	Sulphur	Mineral	Not in- drilled	Dry Hole	Dom. or Stock	Public Supply	Commer- cial	Indus- trial	Irrig- ation	Test Hole	Not in- drilled	Not Used
Carleton	600	43	550	7	556	11	23		1	3	7	503	44	23	8	4	4	1	13
Dundas	86	1	85		78	1	6					72	11	1			2		
Frontenac	338	6	301	31	286	6	14			1	31	283	13	7	1			1	33
Glengary	56	14	42		55		1					50	4	2	2				
Grenville	140	2	138		140							131	6	1	2				
Lanark	165	3	161	1	161	1	2				1	149	10	3			1		2
Leeds	240	2	237	1	239						1	215	15	2					1
Prescott	24	3	21		22	2						20	1	2			1		
Renfrew	135	11	124		134		1					106	22	4	1				2
Russell	84	11	70	3	75	1	5				3	68	9	3	1	1			3
Stormont	63	4	58	1	58		4				1	48	5	5	3				1
Total 1960	1931	100	1727	44	1804	22	56	1	4	44	1645	140	60	16	5	7	3		55

TABLE V  
SUMMARY OF WATER-WELL DRILLING DATA FOR 1961  
SOUTHEASTERN AREA

County or District	Total No. of wells Drilled	Water-Bearing Formation			Type of Water					Use								
		Over- burden	Bedrock	Not in- drilled	Fresh	Salt	Sulphur	Mineral	Not in- drilled	Dry Hole	Dom. or Stock	Public Supply	Commer- cial	Indus- trial	Irrig- ation	Test Hole	Not in- drilled	Not Used
Carleton	594	36	555	3	562	11	14	2	2	3	520	34	23	4	2	2	1	8
Dundas	63	2	60	1	62					1	57	2	3	2				1
Frontenac	275	3	251	21	241	2	11			21	237	11	5	2			20	
Glengarry	52	11	40	1	50		1			1	46	3	1	1				1
Grenville	129	12	127		129						115	7	6	1				
Lanark	189	13	176		188		1				168	14	5	2				
Leeds	271	1	270		270		1				251	16	2	2				
Prescott	42	2	39	1	38	2	1			1	36	2	1	1		2		1
Renfrew	189	14	174	1	185	3				1	167	13	8	1				1
Russell	76	10	66		75		1				66	7	1		2			
Stormont	51	36	44	1	45		5			1	35	10	1	3				2
Total 1961	1931	100	1802	29	1845	18	35	2	2	29	1698	112	56	15	4	4	1	34

TABLE VI  
SUMMARY OF WATER-WELL DRILLING DATA FOR 1962  
SOUTHEASTERN AREA

County or District	Total No. of wells Drilled	Water-Bearing Formation			Type of Water					Use									
		Over- burden	Bedrock	Not in- dicated	Dry Hole	Fresh	Salt	Sulphur	Mineral	Not in- dicated	Dry Hole	Dom. or Stock	Public Supply	Commer- cial	Indus- trial	Irrig- ation	Test Hole	Not in- dicated	Not Used
Carleton	482	36	446		2	443	3	29		5	2	426	26	7	8		10	3	2
Dundas	86	9	75		10	75		9			2	70	10	2			2		2
Frontenac	264	3	251			244	4	5	1		10	240	6	6	1		1		10
Glengarry	43	8	35			43						28	12	2	1				
Grenville	129		129			127		2				125	4		3				
Lanark	187	2	185			187						171	9	4					
Leeds	220	4	216			217		3				190	16	13	1				
Prescott	38	3	35			38						33	2	2	1				
Renfrew	227	26	194	7		220	3				7	122	19	20	3	1	4		8
Russell	74	11	63			71						69	3		1				
Stormont	32	7	25			31		1				29	1	2					
Total 1962	1782	109	1654	19		1696	10	49	1	5	21	1553	108	59	19	1	17	3	22

TABLE VII  
SUMMARY OF WATER-WELL DRILLING DATA FOR 1963  
SOUTHEASTERN AREA

County or District	Total No. of wells Drilled	Water-Bearing Formation				Type of Water					Use								
		Over- burden	Bedrock	Not in- dicated	Dry Hole	Fresh	Salt	Sulphur	Mineral	Not in- dicated	Dry Hole	Dom. or Stock	Public Supply	Commer- cial	Indus- trial	Irrig- ation	Test Hole	Not in- dicated	Not Used
Carleton	402	28	372		2	371	2	24		4	1	332	25	26	6	3	5		2
Dundas	53	6	47			52		1				41	9	2	1				
Frontenac	241	3	231	7		213	4	12	3		9	214	12	4				1	10
Glengarry	58	9	49			57		1				53	4		1				
Grenville	100	1	99			100						52	7	1					
Lanark	154	1	153			154						136	9	9					
Leeds	242	2	240			242						221	11	10					
Prescott	27	1	26			26		1				24	1	1			1		2
Renfrew	168	17	150	1		167					1	149	12	5					
Russell	63	12	51			61		2				60	2	1					5
Stormont	45	6	34	5		38		2			5	33	3	2	2				
Total 1963	1553	86	1452	15		1481	6	43	3	4	16	1355	95	61	10	3	6	4	19



TABLE VIII  
SUMMARY OF WATER-WELL DRILLING DATA FOR 1964  
SOUTHEASTERN AREA

County or District	Total No. of wells Drilled	Water-Bearing Formation			Type of Water					Use										
		Over- burden	Bedrock	Not in- dricated	Dry Hole	Fresh	Salt	Sulphur	Mineral	Not in- dricated	Dry Hole	Dom. or Stock	Public Supply	Commer- cial	Indus- trial	Irrig- ation	Test Hole	Not in- dricated	Not Used	
Carleton	331	27	299		5	301	12	11		2	5	280	23	18	5					5
Dundas	74		73		1	68		5			1	65	4	3	1					1
Frontenac	279	3	264		12	252	4	11			12	252	9	5						13
Glenarry	99	24	75			97		2				84	10	2	1				1	
Grenville	146	1	145			146						142	4							
Lanark	169	2	166		1	167		1			1	160	4	3	1					
Leeds	253	8	245			253						234	11	6	2					1
Prescott	51	6	45			47	3	1				44	2	1			3			
Renfrew	206	18	183		5	199	1	1			5	186	9	3						3
Russell	80	15	61		4	67	1	8			4	71	2	2						5
Stormont	60	6	49		5	52		3			5	44	9	2						5
Total	1748	110	1605		33	1649	21	43		2	33	1562	87	43	11	2	3	2		39

# APPENDIX A - OBSERVATION WELLS AND WATER-LEVEL MEASUREMENTS

## SOUTHEASTERN ONTARIO

1960 to 1964

### Carleton County

Observation Well No.: 115  
 Observer: OWRC Personnel.  
 Location: Nepean Township, Ottawa Front, con I, lot 5.  
 Type: Drilled, used.  
 Depth: 105 feet.  
 Aquifer: Grey granite.  
 Recording method: Manually by tape.  
 Records commenced: May 29, 1963.

Distance of water levels from land surface.

1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
May 29	18.0	July 16	26.30	Aug. 2	34.50	Nov. 15	11.05

1964

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 17	11.0	Apr. 23	8.70	July 13	13.60	Sep. 16	13.90
Feb. 21	11.0	June 17	12.50	Aug. 7	13.70	Oct. 16	14.25
						Dec. 2	13.00

### Carleton County - cont.

Observation Well No.: 132.  
 Observer: R.G. Pearce for the Geological Survey of Canada, Department of Mines and Technical Surveys.  
 Location: Nepean Township, Ottawa Front, con II lot 5.  
 Type: Abandoned mine shaft.  
 Depth: 100 feet  
 Aquifer: Sandstone.  
 Recording method: Automatic recorder.  
 Records commenced: Jan. 22, 1960.

Water levels measured in feet

1960

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 22	9.85	July 7	14.80	Sep. 2	21.80	Nov. 4	24.05
Feb. 18	7.39	July 14	15.37	Sep. 9	23.97	Nov. 14	22.94
Mar. 18	9.19	July 22	16.22	Sep. 16	24.60	Nov. 18	19.54
Apr. 13	5.45	July 29	17.90	Sep. 23	25.29	Nov. 25	18.95
May 4	8.16	Aug. 2	17.65	Oct. 7	25.84	Dec. 2	18.96
May 25	8.48	Aug. 12	19.98	Oct. 17	26.97	Dec. 9	18.98
June 14	12.74	Aug. 19	21.48	Oct. 21	27.17	Dec. 16	20.10
June 27	13.70	Aug. 26	22.07	Oct. 28	25.54	Dec. 22	21.20
						Dec. 29	22.60

Carleton County - cont.

1961

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan.6	23.08	Apr.7	12.98	July 7	14.44	Oct. 6	24.78
Jan.13	23.38	Apr.14	12.30	July14	15.42	Oct.13	26.04
Jan.20	23.08	Apr.21	12.68	July21	16.38	Oct.20	26.99
Jan.27	23.03	Apr.28	12.26	July28	16.49	Oct.27	27.90
Feb. 3	23.70	May 5	12.98	Aug. 4	17.31	Nov. 6	28.84
Feb.10	24.16	May 12	13.90	Aug.11	18.36	Nov.10	29.12
Feb.17	24.25	May 19	14.27	Aug.18	17.73	Nov.17	29.35
Feb.24	24.06	May 26	13.41	Aug.25	19.12	Nov.26	25.50
Mar. 3	14.10	June 2	13.46	Sep. 1	20.27	Dec. 1	23.51
Mar.17	15.38	June 9	13.76	Sep. 8	19.23	Dec. 8	20.01
Mar.24	14.74	June16	14.44	Sep.15	20.57	Dec.15	19.00
Mar.30	9.78	June23	14.74	Sep.22	22.20	Dec.21	19.16
		June30	14.21	Sep.29	23.58	Dec.28	19.56

1962

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 5	19.55	Apr. 6	10.08	July 6	18.29	Oct. 5	25.50
Jan.12	19.55	Apr.13	10.85	July13	19.46	Oct.12	18.60
Jan.19	17.81	Apr.19	11.47	July20	20.61	Oct.19	17.25
Jan.26	18.00	Apr.27	12.18	July27	19.76	Oct.26	14.70
Feb. 5	18.40	May 4	10.45	Aug. 7	20.22	Nov. 2	12.14
Feb. 9	18.39	May 11	12.09	Aug.15	22.08	Nov. 9	12.42
Feb.16	18.46	May 18	12.43	Aug.24	22.94	Nov.16	12.26
Feb.23	20.24	May 24	13.47	Aug.31	23.98	Nov.23	12.73
Mar. 2	20.25	June 1	14.58	Sep. 7	25.36	Nov.30	12.80
Mar. 9	19.03	June 8	15.91	Sep.14	26.57	Dec. 7	12.07
Mar.16	16.98	June15	16.95	Sep.21	27.47	Dec.14	12.70
Mar.30	5.60	June22	17.43	Sep.28	28.02	Dec.21	13.11
		June29	17.14			Dec.28	13.34

1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 4	13.56	Apr. 5	9.50	July 5	15.38	Oct. 4	11.87
Jan.11	13.50	Apr.11	10.77	July12	16.45	Oct.11	12.02
Jan.18	13.99	Apr.19	11.54	July19	15.83	Oct.18	12.05
Jan.25	13.93	Apr.26	10.68	July26	17.55	Oct.25	12.71
Feb. 1	14.27	May 3	10.09	Aug. 2	18.45	Nov. 1	13.37
Feb. 8	14.43	May 10	10.85	Aug. 9	19.34	Nov. 8	9.95
Feb.15	14.57	May 17	10.47	Aug.16	18.04	Nov.15	10.90
Feb.22	14.96	May 24	10.51	Aug.23	18.59	Nov.22	10.28
Mar. 1	14.68	May 31	11.18	Aug.30	19.48	Nov.29	10.89
Mar. 8	14.11	June 7	12.27	Sep. 6	15.36	Dec. 6	10.10
Mar.15	13.35	June14	13.14	Sep.13	11.35	Dec.13	9.69
Mar.22	12.10	June21	13.78	Sep.20	13.06	Dec.20	10.40
Mar.29	6.50	June28	14.44	Sep.27	13.33	Dec.27	10.73



## Carleton County - cont.

1964

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan.3	10.67	Apr. 3	14.89	July 3	19.23	Oct. 1	26.49
Jan.10	9.89	Apr.10	14.28	July24	22.83	Oct. 9	27.10
Jan.17	10.19	Apr.17	15.04	July31	23.87	Oct.16	27.63
Jan.24	9.47	Apr.24	13.78	Aug. 7	24.85	Oct.23	28.25
Feb. 3	9.15	May 1	15.33	Aug.14	25.00	Oct.30	28.86
Feb. 7	9.17	May 8	16.30	Aug.21	24.50	Nov. 6	28.98
Feb.14	9.45	May 15	16.67	Aug.28	23.79	Nov.13	27.26
Feb.21	9.52	May 22	16.91	Sep. 4	24.70	Nov.20	24.70
Feb.28	9.73	May 29	16.90	Sep.18	25.02	Nov.27	20.36
Mar. 6	6.12	June 5	17.22	Sep.25	25.66	Dec. 4	19.91
Mar.13	8.32	June12	18.12			Dec.11	19.67
Mar.20	9.48	June19	13.54			Dec.18	17.76
Mar.26	12.66	June26	14.23			Dec.23	18.27
						Dec.30	15.55

## Carleton County - cont.

Observation Well No: 133  
 Observer: R.G. Pearce, for the Geological Survey of Canada, Department of Mines and Technical Surveys.  
 Location: Nepean Township, Ottawa Front, con III, lot 18.  
 Type: Drilled,  
 Depth: 90 feet  
 Aquifer: Clay  
 Recording method: Automatic recorder.  
 Records commenced: Jan.21,1960.

Water levels measured in feet.

1960

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan.21	8.56	May 17	6.62	Aug. 7	8.49	Oct.17	8.77
Feb. 3	8.64	May 25	6.98	Aug.12	8.53	Oct.21	8.83
Feb.11	8.45	June10	7.55	Aug.19	8.65	Oct.28	8.72
Feb.18	8.16	June20	7.73	Aug.26	8.65	Nov. 4	8.81
Mar.24	8.40	June27	7.97	Sep. 2	8.79	Nov.14	8.78
Apr. 1	8.02	June30	7.97	Sep. 9	8.72	Nov.18	8.73
Apr. 7	6.45	July 7	8.03	Sep.16	8.78	Nov.25	8.70
Apr.25	5.77	July14	8.22	Sep.23	8.78	Dec. 2	8.79
May 4	6.66	July22	8.15	Sep.30	8.83	Dec. 9	8.77
May 11	6.94	July29	8.33	Oct. 7	8.84	Dec.16	8.82
						Dec.22	8.96
						Dec.29	8.93

Carleton County - cont.

1961

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 6	8.95	Apr.7	8.24	July 7	8.61	Oct. 6	9.35
Jan.13	8.96	Apr.14	8.10	July14	8.72	Oct.13	9.32
Jan.20	9.05	Apr.21	7.93	July21	8.76	Oct.20	9.40
Jan.27	9.03	Apr.28	7.87	July28	8.92	Oct.27	9.38
Feb. 3	9.04	May 5	8.04	Aug. 4	8.98	Nov. 6	9.34
Feb.10	9.04	May 12	8.17	Aug.11	8.97	Nov.10	9.35
Feb.17	9.03	May 19	8.16	Aug.18	8.96	Nov.17	9.27
Feb.24	9.20	May 26	8.16	Aug.25	8.98	Nov.26	9.25
Mar. 3	8.81	June 2	8.15	Sep. 1	8.98	Dec. 1	9.26
Mar.10	8.79	June 9	8.26	Sep. 8	9.18	Dec. 8	9.25
Mar.17	8.99	June16	8.40	Sep.15	9.18	Dec.15	9.39
Mar.24	8.78	June23	8.40	Sep.22	9.30	Dec.21	9.44
Mar.30	8.40	June30	8.40	Sep.29	9.31	Dec.28	9.49

1962

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 5	9.49	Apr. 6	8.61	July 6	9.17	Oct. 5	9.46
Jan.12	9.49	Apr.13	8.27	July13	9.26	Oct.12	9.34
Jan.19	9.50	Apr.19	8.30	July20	9.27	Oct.19	9.34
Jan.26	9.50	Apr.27	8.40	July27	9.22	Oct.26	9.25
Feb. 5	9.65	May 4	7.83	Aug. 7	9.30	Nov. 2	9.08
Feb. 9	9.65	May 11	8.17	Aug.15	9.45	Nov. 9	9.01
Feb.16	9.66	May 18	8.30	Aug.24	9.45	Nov.16	8.48
Feb.23	9.75	May 24	8.22	Aug.31	9.57	Nov.23	8.88
Mar. 2	9.65	June 1	8.58	Sep. 7	9.56	Nov.30	8.89
Mar. 9	9.65	June 8	8.84	Sep.14	9.68	Dec. 7	8.81
Mar.16	9.65	June15	8.99	Sep.21	9.67	Dec.14	9.10
Mar.23	9.64	June22	9.94	Sep.28	9.68	Dec.21	9.29
Mar.30	8.94	June29	8.94			Dec.28	9.48

1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 4	9.64	Apr. 5	9.29	July 5	10.28		
Jan.11	9.97	Apr.11	9.34	July12	10.28		
Jan.18	9.84	Apr.19	9.43	July19	10.29		
Jan.25	9.97	Apr.26	9.38				
Feb. 1	9.98	May 3	8.78				
Feb. 8	10.09	May 10	9.01				
Feb.15	10.23	May 17	8.78				
Feb.22	10.49	May 24	9.08				
Mar. 1	10.48	May 31	9.34				
Mar. 8	10.49	June 7	9.62				
Mar.15	10.49	June14	9.71				
Mar.22	10.49	June21	9.88				
Mar.29	10.16	June28	9.91				

Carleton County - cont.

Observation Well No: 134  
Observer: R.G.Pearce for the Geological Survey of  
Canada, Department of Mines and Technical  
Surveys.  
Location: Gloucester Township, Ottawa Front, con II,  
lot 15.  
Type: Drilled.  
Depth: 700 feet.  
Aquifer: Limestone.  
Recording method: Automatic recorder.  
Records commenced: Jan.29,1960.

Water levels measured in feet

1960

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan.29	18.30	July 7	20.43	Sep. 2	22.70	Nov. 4	24.30
Feb.25	18.61	July14	20.74	Sep. 9	22.73	Nov.14	24.74
Mar.24	18.84	July22	21.90	Sep.16	23.30	Nov.18	24.58
Apr.19	18.89	July29	21.11	Sep.23	23.32	Nov.25	24.69
May 18	18.62	Aug. 5	21.49	Oct. 7	23.64	Dec. 2	24.86
May 26	18.80	Aug.12	21.79	Oct.17	23.98	Dec. 9	24.88
June20	19.18	Aug.19	22.07	Oct.21	24.14	Dec.16	24.81
June27	19.90	Aug.26	22.30	Oct.28	24.33	Dec.22	24.98
						Dec.29	25.21

1961

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan.6	25.17	Apr. 7	25.79	July 7	25.09	Oct. 6	26.60
Jan.13	25.42	Apr.14	25.65	July14	25.07	Oct.13	26.60
Jan.20	25.36	Apr.21	25.66	July21	25.17	Oct.20	26.79
Jan.27	25.58	Apr.28	25.38	July28	25.35	Oct.27	26.80
Feb. 3	25.98	May 5	25.36	Aug. 4	25.55	Nov. 6	27.10
Feb.10	25.76	May 12	25.30	Aug.11	25.61	Nov.10	26.99
Feb.17	25.99	May 19	25.08	Aug.18	25.90	Nov.17	26.96
Feb.24	25.85	May 26	24.87	Aug.25	25.90	Nov.26	27.05
Mar. 3	25.86	June 2	24.66	Sep. 1	25.97	Dec. 1	27.31
Mar.10	25.81	June 9	24.85	Sep. 8	26.27	Dec. 8	27.05
Mar.17	26.08	June16	24.93	Sep.15	25.97	Dec.15	27.38
Mar.24	25.84	June23	24.87	Sep.22	26.36	Dec.21	26.60
Mar.30	25.98	June30	24.93	Sep.29	26.50	Dec.28	27.10

1962

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 5	27.35	Apr. 6	27.79	July 6	26.77	Oct. 5	28.23
Jan.12	27.28	Apr.13	27.37	July13	26.95	Oct.12	27.90
Jan.19	27.47	Apr.19	27.18	July20	27.08	Oct.19	28.13
Jan.26	27.46	Apr.27	26.86	July27	27.17	Oct.26	28.12
Feb. 5	27.07	May 4	26.79	Aug. 7	27.19	Nov. 2	28.03
Feb. 9	27.27	May 11	26.65	Aug.15	27.52	Nov. 9	28.04
Feb.16	27.48	May 18	26.49	Aug.24	27.79	Nov.16	27.72
Feb.23	27.52	May 24	26.10	Aug.31	27.75	Nov.23	27.55
Mar. 2	27.84	June 1	26.27	Sep. 7	27.91	Nov.30	27.70
Mar. 9	27.67	June 8	26.45	Sep.14	27.89	Dec. 7	27.15
Mar.16	27.58	June15	26.47	Sep.21	28.22	Dec.14	27.35
Mar.23	27.76	June22	26.50	Sep.28	28.14	Dec.21	27.72
Mar.30	27.75	June29	26.82			Dec.28	27.64



Carleton County - cont.

1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 4	27.71	Apr. 5	28.29	July 5	27.04	Oct. 4	28.43
Jan.11	27.60	Apr.11	27.44	July12	27.34	Oct.11	28.53
Jan.18	27.75	Apr.19	27.29	July18	27.34	Oct.18	28.59
Jan.25	27.76	Apr.26	27.18	July26	27.65	Oct.25	28.66
Feb. 1	27.90	May 3	27.13	Aug. 2	27.62	Nov. 1	28.41
Feb. 8	27.77	May 10	27.00	Aug. 9	27.72	Nov. 8	28.38
Feb.15	27.76	May 17	26.83	Aug.16	28.08	Nov.15	28.55
Feb.22	27.93	May 24	26.80	Aug.23	28.09	Nov.22	28.54
Mar. 1	27.99	May 31	26.63	Aug.30	28.34	Nov.29	28.28
Mar. 8	27.98	June 7	26.55	Sep. 6	28.35	Dec. 6	28.25
Mar.15	28.12	June14	26.54	Sep.13	28.58	Dec.13	28.10
Mar.22	28.08	June21	26.55	Sep.20	28.43	Dec.20	27.88
Mar.29	28.27	June28	26.85	Sep.27	28.53	Dec.27	27.95

1964

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 3	27.75	Apr. 3	27.44	July 3	26.50	Oct. 1	28.77
Jan.10	27.65	Apr.10	27.12	July24	27.25	Oct. 9	28.75
Jan.17	27.90	Apr.17	26.73	July31	27.45	Oct.16	28.92
Jan.24	28.08	Apr.24	26.33	Aug. 7	27.56	Oct.23	29.17
Feb. 3	28.10	May 1	26.15	Aug.14	27.68	Oct.30	29.27
Feb. 7	27.63	May 8	25.79	Aug.21	27.99	Nov. 6	29.28
Feb.14	27.87	May 15	25.75	Aug.28	28.12	Nov.13	29.23
Feb.21	27.88	May 22	23.64	Sep. 4	28.31	Nov.20	29.24
Feb.28	27.91	May 29	25.60	Sep.18	28.57	Nov.27	20.69
Mar. 6	28.14	June 5	25.91	Sep.25	28.46	Dec. 4	29.75
Mar.13	28.13	June12	25.98			Dec.11	29.74
Mar.20	27.92	June19	26.14			Dec.18	29.76
Mar.26	27.65	June26	26.40			Dec.23	29.55
						Dec.30	29.70

Carleton County - cont.

Observation Well No.: 135  
Observer: R.G.Pearce, for Geological Survey of Canada  
Department of Mines and Technical Surveys.  
Location: Gloucester Township, Ottawa Front, con 1,  
lot 21.  
Type: Drilled.  
Depth: 110 feet.  
Aquifer: Clay.  
Recording method: Automatic recorder.  
Records commenced: Feb.11,1960.

Water levels measured in feet

1960

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Feb.11	28.44	June10	27.40	Sep. 2	33.30	Nov. 4	36.09
Feb.25	27.60	June20	28.70	Sep. 9	34.06	Nov.14	36.46
Mar.16	27.73	June27	29.23	Sep.16	34.34	Nov.18	36.11
Mar.24	27.86	July 7	28.97	Sep.23	34.53	Nov.25	36.14
Apr. 1	26.49	July14	29.74	Sep.30	34.90	Dec. 2	36.63
Apr. 8	23.45	July22	30.63	Oct. 7	34.70	Dec. 9	36.57
Apr.19	22.80	July29	31.50	Oct.17	34.95	Dec.16	37.81
Apr.25	23.20	Aug. 5	32.05	Oct.21	35.18	Dec.22	40.30
May 4	23.97	Aug.12	32.90	Oct.28	35.75	Dec.29	42.90
May 11	24.44	Aug.19	32.37				
May 18	23.53	Aug.26	32.80				
May 26	23.98						

1961

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 6	42.42	Apr. 7	72.75	July 7	69.11	Oct. 6	45.27
Jan.13	43.26	Apr.14	72.50	July14	50.96	Oct.13	45.45
Jan.20	44.10	Apr.21	71.79	July21	46.06	Oct.20	45.57
Jan.27	46.28	Apr.28	71.49	July28	46.16	Oct.27	46.48
Feb. 3	47.61	May 5	70.40	Aug. 4	47.84	Nov. 6	46.86
Feb.10	47.89	May 12	68.87	Aug.11	46.26	Nov.10	46.86
Feb.17	66.00	May 19	69.67	Aug.18	45.27	Nov.17	47.45
Feb.24	66.90	May 26	69.75	Aug.25	44.48	Nov.26	47.99
Mar. 3	72.77	June 2	69.72	Sep. 1	44.44	Dec. 1	48.52
Mar.10	72.75	June 9	69.70	Sep. 8	43.92	Dec. 8	47.16
Mar.17	72.75	June16	60.46	Sep.15	44.05	Dec.15	47.70
Mar.24	72.75	June23	68.74	Sep.22	44.53	Dec.21	46.89
Mar.30	72.75	June30	68.72	Sep.29	45.27	Dec.28	47.35

1962

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 5	47.83	Apr. 6	43.70	July 6	43.83	Oct. 5	46.86
Jan.12	47.75	Apr.13	33.30	July13	45.44	Oct.12	44.55
Jan.19	48.06	Apr.19	38.83	July20	45.65	Oct.19	43.16
Jan.26	48.10	Apr.27	39.02	July27	44.44	Oct.26	42.28
Feb. 5	48.14	May 4	37.00	Aug. 7	43.96	Nov. 2	41.29
Feb. 9	48.58	May 11	41.21	Aug.15	43.86	Nov. 9	41.66
Feb.16	49.44	May 18	42.02	Aug.24	44.98	Nov.16	38.87
Feb.23	50.08	May 24	42.59	Aug.31	45.67	Nov.23	40.63
Mar. 2	50.64	June 1	43.32	Sep. 7	45.94	Nov.30	41.17
Mar. 9	50.13	June 8	44.06	Sep.14	46.50	Dec. 7	40.67
Mar.16	49.78	June15	44.29	Sep.21	46.57	Dec.14	40.69
Mar.23	48.60	June22	44.60	Sep.28	46.90	Dec.21	44.17
Mar.30	6.56	June29	41.87			Dec.28	41.28

1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 4	41.47	Apr. 5	29.40	July 5	37.10	Oct. 4	34.60
Jan.11	41.45	Apr.11	30.20	July12	37.65	Oct.11	34.61
Jan.18	41.57	Apr.19	31.19	July19	37.34	Oct.18	34.79
Jan.25	42.82	Apr.26	29.56	July26	38.23	Oct.25	34.90
Feb. 1	43.05	May 3	28.61	Aug. 2	37.75	Nov. 1	34.88
Feb. 8	43.04	May 10	29.85	Aug. 9	38.03	Nov. 8	34.46
Feb.15	43.05	May 17	29.85	Aug.16	38.03	Nov.15	33.20
Feb.22	43.58	May 24	30.77	Aug.23	38.21	Nov.22	32.40
Mar. 1	43.25	May 31	32.12	Aug.30	37.84	Nov.29	31.77
Mar. 8	42.90	June 7	33.37	Sep. 6	36.47	Dec. 6	31.37
Mar.15	41.86	June14	33.65	Sep.13	35.70	Dec.13	31.14
Mar.22	41.00	June21	34.39	Sep.20	34.55	Dec.20	31.74
Mar.29	37.77	June28	36.15	Sep.27	34.80	Dec.27	32.83

1964

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 3	33.66	Apr. 3	32.96	July 3	37.86	Oct. 1	40.35
Jan.10	33.26	Apr.10	32.67	July24	39.14	Oct. 9	40.37
Jan.17	32.94	Apr.17	32.34	July31	39.38	Oct.16	40.78
Jan.24	33.33	Apr.24	31.02	Aug. 7	40.56	Oct.23	41.11
Feb. 3	32.90	May 1	30.77	Aug.14	40.82	Oct.30	40.80
Feb. 7	32.26	May 8	32.40	Aug.21	41.05	Nov. 6	40.30
Feb.14	32.70	May 15	33.05	Aug.28	40.69	Nov.13	39.63
Feb.21	33.59	May 22	33.30	Sep. 4	40.85	Nov.20	39.13
Feb.28	34.13	May 29	34.12	Sep.18	39.88	Nov.27	38.66
Mar. 6	32.01	June 5	34.64	Sep.25	40.32	Dec. 4	37.67
Mar.13	31.10	June12	35.63			Dec.11	37.30
Mar.20	31.79	June19	36.18			Dec.18	37.35
Mar.26	30.94	June26	37.53			Dec.23	37.16
						Dec.30	35.88

APPENDIX B - LICENSED BORING AND DRILLING CONTRACTORS  
AND NUMBERS OF WELLS CONSTRUCTED  
1960 - 1964

Licensed contractor and location by County and District	Address (All addresses are in Ontario unless otherwise stated)	Number of wells constructed				
		1960	1961	1962	1963	1964
ALGOMA						
1. R.P. Ahearn	85 Adelaide St., Sault Ste. Marie, Gouais River F.O.	8	7	8	8	21
2. F.V. Bonnin	49 Oakwood Dr., Sault Ste. Marie	4	1	1	0	0
3. C.W. Chapman	Batchawana Bay	17	24	15	16	13
4. Clearwater Drilling and Supply	Box 1, Nixon Rd., Sault Ste. Marie	24	25	26	12	13
5. Stan Coulter	Echo Bay	1	0	3	0	1
6. Reginald Furkey	Richard's Landing	*	*	*	*	0
7. James A. Grexton & Son	Bruce Mines	*	1	6	0	0
8. Wm.R. Helcrow	Bar River	*	*	1	1	1
9. Bertram H. Hurley	R.R.#1, Echo Bay	0	0	0	*	*
10. Louis H. Knoll	Richard's Landing	*	*	7	4	*
11. S.M. McClelland	Echo Bay	6	4	10	*	*
12. McClelland & Hughson	Echo Bay	*	*	*	4	2
13. Charles Farr	640 Schaeffer Ave., Sault Ste. Marie	0	2	*	1	0
14. K. Ratajczak	Box 455, Wawa	*	1	0	0	*
15. R.B. Renwick	General Delivery, Sault Ste. Marie	*	*	4	5	3
16. Norman Scott	99 Bellevue Ave., Sault Ste. Marie	*	*	3	3	0
17. C. Sharp	R.R.#1, Sault Ste. Marie	0	*	*	*	*
18. Superior Drilling Co	35 Indiana Drive, Sault Ste Marie	*	16	*	*	*
BRANT						
1. Ivan Davis	131 Campbell St., Brantford	5	4	0	0	11
2. Howard Johnson	Brantford	*	*	*	*	47
3. P.V.K. & Sons Soil Testing	Burford	*	*	*	8	6
4. Joseph Stefan	Princeton	25	*	*	*	21
5. H.C. Treffrey	R.R. 3, Scotland	6	*	8	11	9
6. Harold H. Wood						
BRUCE						
1. Archie Currie	Dobbinson	0	0	*	0	*
2. Hazel M. Preston	R.R. 3, Wiarton	*	1	*	*	*
3. Hazel M. Tyson	R.R. 1, Mar	0	*	*	*	*
4. L.H. Weirmier	Box 185, Chesley	9	2	*	*	*
5. Ross L. Weirmier	Box 185, Chesley	0	*	*	*	*
6. Dalton Wright & Sons	Hepworth	40	50	62	55	74
7. Lloyd & Albert Wright	Box 62, Wiarton	23	13	19	20	24
8. Roy & Stan. Wright	Warton	28	30	46	36	45
9. Stan & Orvel Wright	Warton	21	19	26	23	16
CARLETON						
1. T.H. Adams	R.R. 6, Ottawa	15	*	*	*	*
2. Capital Water Supply	1243 Heron Rd., Ottawa	*	38	79	98	97
3. G. Charbonneau	Box 124, Orleans	62	63	75	65	75
4. F.R. Cossette	1510 Baseline Rd., Ottawa	53	28	21	14	18
5. Marcel Cossette	120 Tabor St., Eastview	0	*	7	0	4
6. Viateur Cossette	60 Marquette St., Eastview	10	15	16	4	4
7. Wilfred Cossette	259A Shakespeare St., Ottawa 2	19	14	9	8	0
8. William Deevy	2898 Houghton Street, Ottawa 14.	*	*	*	*	2
9. Charles Dufresne	103 Sweetland Ave., Ottawa	20	11	9	7	14
10. J.B. Dufresne Co. Ltd.	1014 Maitland Ave., Ottawa	109	108	73	87	112
11. John L. Forget	96 Rue Lavergne, Eastview	0	*	*	*	*
12. Yvon Giroux	Cyrville, Box 107	9	0	4	0	0
13. Delmar S. Hueston	R.R. 1, Stittsville	*	5	7	4	0
14. F.E. Johnston	1340 Bank St., Ottawa	33	43	21	11	8
Drilling Co. Ltd						
15. J.R. Kettles	R.R. 1, Ramsayville,	14	*	12	13	0
16. W.J. King	48 Kempster Ave., Britannia Hts.	0	13	4	*	*
17. D. MacHardy	Kinburn	0	27	7	0	*
18. Melville McLaughlin	Ashton	0	36	44	31	29
19. McLean Water Supply Ltd.	1532 Raven Ave., Ottawa	48	0	0	40	38
20. M. Meszger	639 Rowanwood Ave., Ottawa	32	34	26	22	23
21. W. Moloughney	51 McEwen Ave., Ottawa	41	26	20	8	7
22. Blair Phillips	1119 Faleise Rd., Ottawa 5	72	61	43	23	17
Drilling Co. Ltd.						
23. Alvin E.I. Quinn	R.R. 3, Metcalfe	*	*	*	0	7

\*Not Licensed



APPENDIX B- LICENSED BORING AND DRILLING CONTRACTORS  
AND NUMBERS OF WELLS CONSTRUCTED  
1960-1964

Licensed contractor and location by County and District	Address (All addresses are in Ontario unless otherwise stated)	Number of wells constructed				
		1960	1961	1962	1963	1964
CARLETON						
24. Ben Sparks	McEwen Ave., Woodroffe	32	23	*	*	7
25. F.P. Sparks,	Stittsville	0	17	13	14	14
26. K. Sparks	South March	3	*	*	*	*
27. W.M.E. Sparks	413 Edgeworth Ave., Ottawa 3	25	17	4	*	*
28. J.E. Trottier	228 Durocher St., Eastview	*	0	*	*	*
COCHRANE						
1. W.P. Dodge	General Delivery, Cochrane	*	*	1	*	*
2. N. Dubaru	313-7th Ave., Box 479, Cochrane	0	*	*	*	*
3. Paul Pillion	Box 182, Moonbeam	0	0	1	0	*
4. Don Groleau Diamond Drilling	Box 569, Kapuskasing	107	82	95	75	41
5. Lucien Levesque	Box 226, Cochrane	3	3	4	6	4
6. Eugene Longstreet	Matheson	2	*	*	*	*
7. J.B. Longstreet	Matheson	9	24	20	13	17
8. Melvin Longstreet	Matheson	13	5	*	0	2
9. Ronald Longstreet	Matheson	*	*	*	*	0
10. Thomas Longstreet	Matheson	2	10	7	5	4
11. D. Noel	Timmins	3	9	6	4	2
12. Eloi Robitaille	Ramore	7	1	0	0	*
DUFFERIN						
1. W.L. Davenport	26 Amanda St., Orangeville	*	*	0	0	*
2. C. Shropshire	R.R. 5, Orangeville	0	0	2	1	0
3. Charles Smith	31 Wellington St., Orangeville	24	29	33	22	22
4. Gerold Tortington	R.R. 1, Orangeville	*	*	*	22	32
ELGIN						
1. Elmo Hoover & Sons	Aylmer	28	16	20	22	12
2. Larry Hoover	Aylmer	0	21	6	3	*
3. Charles H. Kent	Aylmer	*	*	*	0	25
4. W.E. Locker	R.R. 2, Vienna	7	10	8	11	5
5. Louis Marcus	Wallacetown	0	2	0	0	0
6. W.L. McBeth	Box 681, Aylmer	4	6	4	6	6
7. Charles Norman	R.R. 1, Corinth	6	5	4	11	3
8. Pratt Bros.	R.R. 4, Durham	31	*	*	*	*
9. F.W. Reicheld	Box 193, Port Stanley	0	*	*	*	*
10. Lawrence Roswell	Vienna	*	*	*	*	0
11. Charles Warren	Sparta	8	20	16	24	18
12. Alvin Wyatt	R.R. 1, Springfield	*	*	2	2	0
ESSEX						
1. Michael Abbott	R.R. 1, Kingsville	0	*	*	*	*
2. Stewart W. Gilbert	1659 Pierre Ave., Windsor	*	6	4	4	3
3. Earl M. Hernandez	Box 262, Harrow	13	6	4	13	2
4. Mauro Hernandez	Wellington St., Harrow	20	28	26	19	15
5. Wilford Hernandez	Wellington St., Harrow	*	*	*	5	12
6. James R. Hicks	R.R. 2, Woodslee	0	0	0	0	*
7. S.A. Hutchins	R.R. 2, Amherstburg	6	*	10	0	21
8. Johnston Bros.	R.R. 3, Essex	5	3	4	0	3
9. Harry LeClaire	Comber	5	2	2	*	0
10. Lucier Well Drilling	R.R. 1, McGregor	30	14	18	26	23
11. Daniel M. McRae	R.R. 3, Essex	0	0	0	0	0
12. Carl Smith	R.R. 2, South Woodslee	1	0	0	0	0
13. James H. Smith	R.R. 2, Essex	6	3	2	3	2
14. Delbert Sundin	R.R. 1, Kingsville	21	26	25	27	36
15. Gerald Sundin	R.R. 1, Kingsville	1	2	5	1	1
16. Leonard Sundin	R.R. 1, Kingsville	5	1	3	0	1
17. Austin Wilkinson	R.R. 3, Leamington	0	1	2	0	2
18. M.J. Williams	R.R. 5, Leamington	26	28	6	20	17

\*Not Licensed

APPENDIX B - LICENSED BORING AND DRILLING CONTRACTORS  
AND NUMBERS OF WELLS CONSTRUCTED  
1960 to 1964

Licensed contractor and location by County and District	Address (All addresses are in Ontario unless otherwise stated)	Number of wells constructed				
		1960	1961	1962	1963	1964
FRONTENAC						
1. Francis Badour	Verona	*	*	*	0	0
2. George H. Davy	R.R. 4, Kingston	1	0	*	*	*
3. W.H. Davy	Verona	0	145	142	130	152
4. Eastern Ontario Diamond Drilling Co.	Sharbot Lake	37	28	20	20	26
5. Cecil Goodberry Well Drilling Co. Ltd.	196 Indian Rd., Kingston	160	134	120	111	113
6. Jack Knox Well Drilling	Westbrook	82	66	75	57	74
7. W.G. Miller	1203 Davison St., Kingston	0	0	0	*	*
8. Ross C. Wales	20 Lakeview Ave., Kingston	0	*	18	20	19
9. Wm. M. Young	R.R. 4, Kingston	*	0	0	*	*
GREY						
1. Abercrombie & Jackson	Clarksburg	24	31	38	3	0
2. M.S. Bellerby	R.R. 4, Owen Sound	6	2	0	10	7
3. Durham Drillers	Box 299, Durham	28	69	76	74	100
4. James R. Hicks	R.R. 1, Holstein	*	*	*	*	0
5. Ronald Arthur Titus	R.R. 1, Hanover	0	0	*	*	*
6. Allan Loucks	Chatsworth	0	8	13	34	49
7. Pratt Brothers	R.R. 4, Durham	16	24	*	33	41
8. Ken Mighton	Durham	*	*	*	*	30
HALDIMAND						
1. Caughell Bros.	R.R. 4, Dunnville	2	1	2	1	2
2. Cayuga Quarries Ltd.	R.R. 4, Cayuga	*	0	0	0	0
3. Grant Comfort	R.R. 1, Selkirk	*	*	*	0	0
4. Earl Culver & Son	R.R. 2, Selkirk	*	*	15	10	12
5. Marvin Culver & Son	R.R. 2, Selkirk	0	10	*	*	*
6. G.A. Dennis & Sons	Erie St.S., Selkirk	0	11	11	5	6
7. Roy D. Featherstone	245 Dumfries, Caledonia	4	*	*	*	*
8. Robert J. Gilbertson	R.R. 4, Cayuga	*	10	2	2	0
9. Blake Helka	John St., Box 543, Hagersville	8	5	0	0	0
10. Mandley Drilling Contractors Ltd.	415 Church St., Dunnville	0	2	*	3	0
11. Keith McClung	R.R. 1, Caledonia	2	0	0	*	*
12. Elgin A. Mitchell	Monson St., Jarvis	*	0	1	10	24
13. Reasor Nauman	Fisherville	*	0	3	9	3
14. E.A. Ricker & Sons	Canboro	1	3	5	0	2
15. George Schweyer	Fisherville	*	0	*	*	*
16. Ivan Smelzer	Main St.N., Jarvis	3	1	1	2	2
17. Elgin Stewart	R.R. 3, Jarvis	19	20	33	20	38
18. Howard Stewart	R.R. 3, Jarvis	10	*	1	3	0
19. Douglas Thompson	161 Gardiner Ave., Nanticoke	*	5	7	1	0
20. James F. Wickett	Box 313, Caledonia	*	*	6	22	14
HALIBURTON						
1. Haliburton Drilling Co.	Box 241, Haliburton	0	13	13	18	15
2. Rabb Diamond Drilling Co. Ltd.	88 Spruce St., Cardiff	25	12	6	15	1
HALTON						
1. Roy P. Core	Box 442, Milton W.	14	*	*	*	*
2. Frederick M. Dennis	54 Acton Blvd., Acton	2	*	*	*	*
3. John R. Sprowl	R.R. 4, Acton	45	35	38	41	42
4. Don P. Jacobson	175 Main St. N., Georgetown	5	1	*	*	*
5. James E. O'Rourke	R.R. 1, Limehouse	24	30	0	31	28
6. Burton Ruttan	R.R. 2, Milton	50	55	48	63	68
7. J. Calvin Sprowl	R.R. 4, Acton	0	*	*	*	*

\*Not Licensed

APPENDIX B - LICENSED BORING AND DRILLING CONTRACTORS  
AND NUMBERS OF WELLS CONSTRUCTED  
1960 to 1964

Licensed contractor and location by County and District	Address (All addresses are in Ontario unless otherwise stated)	Number of wells constructed				
		1960	1961	1962	1963	1964
HASTINGS						
1. Mansel Donaldson	P.O.Box 40, Foxboro	*	*	37	56	*
2. Thomas & Mansel Donaldson	56 Holmes Rd., Belleville	81	83	75	66	85
3. C.J. Fraser Well Drilling	Box 293, Marmora	0	102	66	34	0
4. H.E. Jones & Sons	R.R. 2, Trenton	81	110	83	72	74
5. Rowe Diamond Drilling	Bancroft	*	*	*	*	14
6. Edward Taylor & Sons	Madoc	19	20	16	6	9
HURON						
1. Gordon L. Davidson	Box 486, Wingham	67	79	73	69	95
2. W.D.Hopper & Sons	R.R. 2, Seaforth	63	85	74	78	73
3. Ivan Mawhinney	R.R. 1, Wroxeter	*	*	*	*	0
KENORA						
1. Community Well Drilling	Kenora	*	*	*	*	3
2. J.H. Edwards Diamond Drilling Co. Ltd.	Kenora	*	*	6	3	3
3. Lantz Diamond Drilling	Wabigoon	*	*	11	10	9
KENT						
1. Jacob Bourdeau	R.R. 2, Dover Centre	2	0	0	0	0
2. Gary Britton	Thamesville	*	*	*	*	0
3. Robert M. Campbell	Main St., Box 1, Morpeth	0	8	*	*	*
4. Felix Couture	Chatham	*	*	*	*	63
5. Harold English	R.R. 4, Blenheim	1	4	3	2	1
6. Leonard C. Faubert	Paincourt	10	0	*	*	*
7. Glen Galbraith	Box 43, Morpeth	*	6	16	11	20
8. J.A. Johnstone	Prairie Siding	0	4	4	22	27
9. Kenneth Jubenville	R.R. 6, Thamesville	*	*	*	*	2
10. Reginald & Russell Kempt	R.R. 3, Tilbury	*	0	0	0	0
11. Arthur Lather	R.R. 3, Bothwell	17	0	0	0	0
12. R.&V. Lather	R.R. 3, Bothwell	2	2	5	1	1
13. Douglas Lecuyer	234 Inshes Ave., Chatham	22	40	49	26	25
14. Orval L'Ecluer	57 Joseph St., Chatham	51	18	22	31	21
15. W.G. Marsh	Bothwell	2	3	17	11	13
16. Howard McDonald	609 Duke St., Wallaceburg	29	35	37	30	29
17. Arthur McGiffey	Oak St., Bothwell	*	*	0	*	*
18. Edwin R. McGaffey	Box 55, Bothwell	0	4	1	*	*
19. Glen L. McGaffey	Chestnut St., Bothwell	*	*	7	1	*
20. Roy McGaffey	Bothwell	0	4	1	*	*
21. Ross R. Munroe	Bothwell	*	*	*	*	0
22. Sidney W. Merritt	R.R. 1, Smithville	36	*	*	*	*
23. G. Newham	R.R. 1, Fletcher	0	4	2	*	*
24. Russell Pinder	R.R. 4, Blenheim	*	*	1	0	0
25. Roy Pinsonneault	R.R.2, Thamesville	*	*	31	43	86
26. Don Rice	Chatham	*	0	*	0	0
27. George Rice	R.R. 1, Fletcher	17	30	12	15	19
28. Earl Rumble	R.R. 5, Blenheim	3	8	6	11	11
29. Don C. Simpson	R.R. 5, Dresden	*	*	20	20	53
30. R.W. Simpson	R.R. 2, Dresden	37	46	45	35	36
31. J.E. Smith	R.R. 3, Dresden	0	7	0	0	*
32. S.H. Smith	Port Alma	0	0	*	*	*
33. Cecil Travis	R.R. 1, Fletcher	0	0	0	0	0
34. Richard Tyhurst	Dresden	*	*	*	*	0
35. D.W. Wade	R.R. 5, Wallaceburg	34	32	35	43	30
36. R.B. Webster	Northwood, R.R. 2	0	5	*	*	*
37. S. Zimmer	17 Jeffery St., Chatham	0	0	0	0	*
LAMBTON						
1. Harold A. Brandon	R.R. 3, Oil Springs	15	4	*	0	9
2. Marvin S. Bullock	Wilkesport	*	*	0	1	2
3. John Chrysler	Wilkesport	*	0	0	1	0
4. V. Conlin	R.R. 1, Port Lambton	2	12	9	15	7
5. Don A. Douglas	R.R. 1, Courtright	1	3	0	3	0
6. A.A. Heal	Box 264, Watford	70	74	60	72	69
7. E.B. Hussey	447 King St., Petrolia	2	21	28	27	26
8. G.G. Hussey	Box 304, Petrolia	0	3	3	8	0
9. F.W. Jackson	Bright's Grove	25	43	26	50	66
10. Oscar Kimball	R.R. 2, Oil Springs	0	6	*	*	*
11. Wm. King	Bridgen	0	4	3	*	*
12. Roy Marsh	R.R. 1, Wilkesport	0	3	0	*	*
13. Edward Morningstar	Oil Springs	*	*	*	10	5
14. Herbert Morningstar	Oil Springs	*	2	0	*	*
15. Lyle Rawson	R.R. 3, Petrolia	15	14	22	19	20
16. Frank Rendle	Box 165, Forest	0	4	0	*	*
17. C.R. Thrower	R.R. 3, Watford	3	0	1	10	6
18. M.E. Ward	R.R. 4, Watford	0	0	0	0	0

\*Not Licensed



APPENDIX B - LICENSED BORING AND DRILLING CONTRACTORS  
AND NUMBERS OF WELLS CONSTRUCTED  
1960 to 1964

Licensed contractor and location by County and District	Address (All addresses are in Ontario unless otherwise stated)	Number of wells constructed				
		1960	1961	1962	1963	1964
LAMBTON						
19. C.Webster	Box 369, Petrolia	4	6	10	5	0
20. Weatherstone and Williams	R.R. 2, Croton	*	*	*	*	10
LANARK						
1. W.C. Coleman	Box 64, R.R. 2,Carleton Place	13	4	5	3	6
2. W.V. Nugent	Lanark	34	49	48	34	27
3. Austin Stanton	Pakenham	37	30	18	28	33
4. Thompson Bros.	R.R. 3, Lanark	34	28	45	48	21
5. D.J. Wark	R.R. 2, Clayton	*	*	0	0	0
6. G.D. Willits	41 McGill St. North, Smiths Falls	0	*	0	*	*
UNITED COUNTIES OF LEEDS & GRENVILLE						
LEEDS						
1. H.L. Davis	R.R. 1, Jellyby	43	36	28	40	38
2. T.L. Davis	Jellyby	15	8	9	3	3
3. The Dutch Store Ltd.	215 King St.W., Brockville	*	10	13	6	8
4. Carl Jones	R.R. 1, Lyndhurst	*	*	*	45	61
5. Raymond Kenny	Box 37, Lyndhurst	23	28	21	0	10
6. G.V. Little	R.R. 2, Addison	0	*	*	*	*
7. F.J. McCarthy	Newboro	56	50	59	52	45
8. R.H. Miller	150 Brock St., Brockville	0	64	49	61	58
9. Alexander E. Morrison	R.R. 1, Easton's Corners	0	*	*	*	*
10. C.V. Morrison	Frankville	0	*	*	*	63
11. Gerald Morrison	R.R. 2, Athens	0	25	7	*	*
12. J.R. Thompson	Westport	*	*	*	*	27
13. Lloyd Thompson	18 Home St., Brockville	0	*	*	*	*
GRENVILLE						
1. W.H. Davis	R.R. 3, N.Augusta	*	0	*	*	*
2. N.H. Lackie	Burritt's Rapids	20	18	16	20	21
3. A.E. Morrison	R.R. 1, Easton's Corners	*	0	8	18	22
4. Harry Bathwell	R.R. 2, Merrickville	10	5	8	2	1
5. B.R. Skull	Easton's Corners	0	5	3	*	*
6. B.E. Sparks	R.R. 1, Kemptville	*	*	8	1	*
LENNOX & ADDINGTON						
1. L. Campbell	R.R. 1, Newburgh	32	42	42	36	69
2. Ross C. Wales	R.R. 1, Napanee	*	14	*	*	*
3. G.H. Chalk Jr.,	R.R. 6, Napanee	103	146	98	88	91
4. G.S. Chalk Sr.	Box 435 Napanee	28	32	27	16	12
5. C.L. Lavallee	Chelmsford	*	11	*	*	*
6. L.C. Lavallee	Chelmsford	*	5	*	*	*
7. T.A. Richmond	Roblin	35	43	20	23	28
8. E.H. Sleeth	R.R. 4, Napanee	*	*	4	2	*
9. D.& P. Stone	R.R. 3, Napanee	*	*	*	23	21
LINCOLN						
1. W.L. Field	R.R. 1, Vineland	19	12	14	19	22
2. W.A. Lounsbury & Sons	30 Dunlop Dr., St.Catharines	35	44	31	40	35
3. Frank Merritt	R.R. 1, Smithville	23	48	40	52	56
4. Sidney W. Merritt	R.R. 1, Smithville	*	25	32	31	29
5. Wesley Packham	R.R. 1, Smithville	67	81	95	87	94
		*	*	7	*	*
MANITOULIN						
1. Orval Brockelbank	Gore Bay	0	*	*	*	*
2. Donald Wright	Manitowaning	21	14	24	22	16

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1960 to 1964**

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		1960	1961	1962	1963	1964
<b>MIDDLESEX</b>						
1. Irwin Corrothers	R.R. 3, Kerrwood	*	*	0	0	45
2. Wm. Dale	R.R. 2, Wilton Grove	34	33	41	43	*
3. Demaray & Nichols	R.R. 1, Kerrwood	*	0	*	*	1
4. Ronald Dolphin & Tom Earl	Strathroy	41	28	31	41	51
5. Kenneth Earl	Simpson St., Glencoe	*	*	0	0	0
6. Sydney Earl	Kerrwood	17	20	23	34	39
7. Gilbert Evans	Victoria St., Glencoe	0	2	2	1	10
8. Roy F. Hudson	Arva	*	*	*	*	108
9. International Water Supply Ltd.,	12 Maitland, London	237	160	313	166	161
10. Ross Helkaa	Mossley	*	*	*	*	0
11. James B. Johnston	786 Little Hill St., London	7	8	6	4	8
12. Mervin Jones	R.R. 3, Thorndale	*	10	14	22	29
13. Kimberley Well Drilling Co. Ltd.	86 Rollingwood Circle, London	*	*	6	*	*
14. I.T. Lounsbury	35 Woodward Ave., London	15	23	10	19	15
15. A.S. McAlpine	Walkers	0	0	0	0	*
16. Wellington Newport	R.R. 1, Wardsville	0	2	*	*	*
17. John Palenkas	Thorndale	*	0	*	*	*
18. Roger B. Samson	181 St. George, London	0	*	*	*	*
19. H.T. Siegrist	R.R. 5, London	18	11	6	13	6
20. Wm. J. Siddall	Glencoe	*	*	*	0	*
21. Ron Smith	R.R. 3, Denfield	27	33	28	41	34
22. Wayne Stoner	R.R. 3, Denfield	*	*	*	*	0
23. R.E. Stroh	1582 Dixie St., London	*	*	*	*	0
24. H. Thompson	282 Sanders, London	*	*	0	*	*
25. Water Resources	Box 32, Wardsville	*	12	8	2	*
26. Robert A. Willits	William St., Box 32, Wardsville	0	*	*	*	*
27. Nick Wlweharuk	405 Fall-Mail St., London	0	0	*	*	*
<b>MUSKOKA</b>						
1. Allard Brothers	Box 1427, Huntsville	*	*	29	28	33
2. Collins Well Drilling	52 King St., Huntsville	*	26	8	1	0
3. F.C. Hammond	P.O. Box 592, Huntsville	56	48	78	78	64
4. Kimberley Well Drilling Co. Ltd.	Box 899, Gravenhurst	0	0	*	*	*
<b>NIPISSING</b>						
1. Simon Bradley	R.R. 1, Sturgeon Falls	34	40	49	41	9
2. W.C. Brochu & Co. Ltd.	North Bay R.R. 2.	3	44	40	43	36
3. Canadian Longyear Ltd.	Drawer 330, North Bay	7	13	11	8	1
4. Gateway Well Drilling	1212 Beattie, North Bay	31	40	38	42	52
5. Inspiration Mining & Development Co.	Box 477, North Bay	0	6	21	1	0
6. J.&J. Well Drilling	R.R. 2, North Bay	0	18	*	*	*
7. Jutras Const. & Diamond Drilling Co. Ltd.	Box 322, North Bay	0	15	*	*	*
8. J.L. Pilon Ltd.,	Box 626, North Bay	0	5	0	*	*
9. Joe Sabourin	Verner	*	0	*	*	*
<b>NORFOLK</b>						
1. W.A. Belore	Courtland	19	11	11	0	10
2. Vincent Chatterson	R.R. 2, Courtland	3	9	4	*	0
3. G.W. Goodfellow	Vittoria	*	0	0	0	0
4. L. Hodgson & Sons	R.R. 1, Walsingham	0	2	14	15	*
5. Ray Hodgson	R.R. 1, Vittoria	20	29	43	37	36
6. Seth Linton	159 First Ave., Simcoe	0	4	6	9	8
7. Sam Lyons & Son	R.R. 5, Simcoe	*	0	0	0	0
8. R. McKenzie	Vittoria	4	12	17	21	20
9. Ryerse Repair Shop	15 Potts Rd., Simcoe	0	*	*	*	*
10. Carl Strome	Box 45, Langton	9	6	12	14	5
11. Ray Swayze	R.R. 5, Simcoe	29	26	26	22	20
12. Ted Van Kessel	179 Sherman St., Simcoe	6	23	21	15	19

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1960 to 1964

Licensed contractor and location by County and District	Address (All addresses are in Ontario unless otherwise stated)	Number of wells constructed				
		1960	1961	1962	1963	1964
UNITED COUNTIES OF NORTHUMBERLAND & DURHAM						
NORTHUMBERLAND						
1. J. Bailey	250 Front St., N., Campbellford	0	23	6	*	*
2. Noah Gilbert	Baltimore, R.R. 2	11	10	13	14	15
3. John Montgomery	Meyersburg, P.O.	*	*	2	6	4
4. H. Reyecraft & W. Day	74 Centre St., Campbellford	3	*	*	*	*
5. Reyecraft & Lloyd	74 Centre St., Campbellford	*	38	34	45	36
6. Howard Stewart	R.R. 3, Jarvis	*	2	*	*	*
7. Borden H. Summers	Percy St., Box 103, Colborne	0	0	*	*	*
8. Broder Summers	Box 33, Trent River	0	60	33	56	27
9. Ernie Summers	Box 33, Trent River	*	9	23	*	*
10. J.W. Summers	Box 231, Colborne	23	*	19	12	1
11. Robert Walsh	R.R. 2, Campbellford	*	0	*	*	*
DURHAM						
1. Gerald B. Fulton	R.R. 3, Bowmanville	18	21	17	19	17
2. W.B. Goodwin	Group 2, Box 14, Bowmanville	0	1	1	0	*
3. R. Halford	R.R. 2, Port Hope	20	13	10	10	19
4. L.&G. Hoskin	R.R. 1, Burketon	0	31	22	34	38
5. D.H. Walsh	225 Walton St., Port Hope	*	18	23	32	3
ONTARIO						
1. Walter & Wm. Ward	Whitby	*	*	*	*	130
2. Blake C. Hunt	Westhill	*	*	*	*	4
OXFORD						
1. W.L. Burwell	R.R. 4, Tillsonburg	15	*	22	14	13
2. Burwell & Evanitski	R.R. 4, Tillsonburg	*	34	*	*	*
3. Howard Cole	R.R. 3, Tillsonburg	*	*	*	22	14
4. S. DeGroat	R.R. 3, Tillsonburg	1	0	0	0	0
5. Bert Haskell	Bright	12	*	*	*	*
6. Mackie B. Hooper	Ingersoll	*	*	*	*	4
7. Gunter Holzheu	R.R. 3, Tillsonburg	*	*	*	0	*
8. K. McLeod	R.R. 2, Ingersoll	44	51	46	0	40
9. National Pump & Water Supply	56 Kensington, Woodstock	*	2	14	6	7
10. Oxford Water Supply	516 Princess, Woodstock	*	*	4	*	*
11. Joseph Stefan	R.R. 1, Princeton	*	31	27	24	*
12. Steinman & Baird	R.R. 1, Bright	28	34	49	55	66
13. J.P. Vos	R.R. 2, Embro	*	7	*	*	*
14. Gordon Warren	99 Vienna Rd., Tillsonburg	68	64	69	31	39
15. J.H. Weaver & Son	332 Tillson Ave., Tillsonburg	41	54	62	66	51
PEEL						
1. N.D. Barnhardt	R.R. 2, Brampton	*	*	11	11	4
2. J.L. Burton	57 Royce Ave., Brampton	2	0	0	0	0
3. W. Burton	R.R. 3, Streetsville	0	*	*	*	*
4. W.E. Core	161 Queen St.E., Brampton	14	15	23	19	16
5. R. Dick	R.R. 3, Bolton	*	*	*	1	5
6. Henry Horan	2 Athlone Rd. Bramalea, Brampton	*	0	*	*	*
7. E.E. Jacobson	Box 103, Brampton	0	*	*	*	*
8. Harry Legendyk	R.R. 2, Mono Road	*	*	0	0	0
9. E.E. Longstreet	Box 103, Brampton	*	*	3	2	0
10. Steve McCauley	Mono Road	15	10	7	4	24
11. C. McClure	R.R. 1, Inglewood	8	13	32	4	0
12. K. McClure	R.R. 1, Inglewood	11	15	33	9	12
13. S.S. Rice	27 Mill St., Streetsville	0	0	*	*	*
14. Peter Spatuck	R.R. 3, Malton	*	23	32	30	35

\*Not Licensed



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		1960	1961	1962	1963	1964
PERTH						
1. C.H. Keeso	R.R. 1, Listowel	27	33	29	44	37
PETERBOROUGH						
1. Russell Elvidge	813 Cameron St., Peterborough	0	*	*	*	*
2. N.N. Faulkner	687 Water St., Peterborough	194	242	253	232	296
3. W. Sanderson	134 Maria St. Peterborough	139	158	162	154	164
4. Mike Gonta	230 Dublin St. Peterborough	*	*	*	0	0
5. C.C. Griffith	R.R. 2, Warsaw	11	12	9	10	12
6. L.B. Macdonald	Strickland St., Lakefield	16	22	9	*	*
7. P.R. McNeely	R.R. 1, Lakefield	15	12	10	11	11
8. S.R. Stockdale Drlg.	R.R. 2, Peterborough	61	48	27	37	19
9. Otonabee Water Wells Limited	Indian River	11	*	*	*	*
UNITED COUNTIES OF PRESCOTT AND RUSSELL						
PRESCOTT						
1. M. Belanger	Chute A Blondeau	*	15	22	17	23
RUSSELL						
1. Holland Bourgeois	St. Albert	19	23	21	24	27
2. Cayer Well Drilling	St. Albert	22	27	23	19	1
3. W.C. Christy	Vars P.O.	13	10	15	10	*
PRINCE EDWARD						
1. L.H. McClennon	Wellington	62	91	70	71	114
2. H.&R. Rolston	Main St., Bloomfield	23	35	25	0	42
RENFREW						
1. Bernard Fillator	Calabogie	*	*	0	*	*
2. Hillyard Giffin	R.R. 1, Matwatchan	*	18	28	*	26
3. George H. Law	R.R. 2, Calabogie	0	*	16	14	0
4. M. Marquardt	Palmer Rapids	*	*	*	*	0
5. Bernard M. Marquardt	Schutt	42	35	48	36	22
6. E.V. Marquardt	Palmer Rapids	*	*	*	*	25
7. Cecil Munro	Box 361, Pembroke	*	39	72	69	100
8. Pembroke Well Drilling Service	Box 512, Pembroke	*	6	9	0	*
9. Kenneth Presley	Box 810, Arnprior	19	26	28	21	17
10. John A. Russell	R.R. 1, Renfrew	*	*	*	*	15
RAINY RIVER						
1. Leo Baker	Emo	*	*	*	*	7
2. Lyle Keller	Devlin	*	*	*	*	19
3. Allen Peterson	Fort Frances	*	*	*	*	0
4. Merlyn Peterson	R.R. 1, Emo	*	*	15	21	*
5. Frans Pruys	Devlin	*	*	15	*	*
6. J.N. Sanche	Pinewood	*	*	*	*	9
						29
SIMCOE						
1. Clarence Bartley	R.R. 3, Collingwood	11	7	6	7	8
2. Alex Cameron	R.R. 1, Midhurst	25	28	17	22	22
3. Leslie Cameron	R.R. 1, Midhurst	*	*	*	0	0
4. Pat Collins	R.R. 3, Barrie	*	*	*	*	0
5. Frank Corner	Box 51, Lefroy	3	1	0	0	0
6. Co-op Well Drilling	R.R. 4, Cookstown	*	*	*	*	1

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1960 to 1964

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		1960	1961	1962	1963	1964
SIMCOE						
7. Merlin Coupland	R.R. 2, Barrie	23	*	*	*	30
8. Terrence Coupland	R.R. 2, Barrie	14	0	15	0	0
9. Coupland Drilling	R.R. 2, Barrie	*	32	40	33	*
10. Lloyd Gordon	Stayner,	*	*	*	*	6
11. Haliburton Drilling Co.	Box 18, Bradford	*	*	13	*	*
12. Henry Hammers	R.R. 3, Barrie	57	46	56	66	104
13. H. Horan	R.R. 4, Tottenham	0	*	*	*	0
14. L.J. Howell	Coldwater	4	6	6	6	4
15. Mervin Mason	R.R. 1, Colgan	*	*	*	*	0
16. Thomas Nimmo	302 Birch Street, Collingwood	24	14	13	11	2
17. Northern Sanitation Co.	21 James St., Orillia	0	0	*	*	*
18. Dennis Slack	80 Essa Rd., Barrie	*	*	0	0	*
19. Scott Well	Oro Station	*	*	*	*	7
20. Snider Drilling	Craighurst	*	*	*	22	35
21. W.J. Whan	Belle Ewart	0	*	*	*	*
22. F. Wright & Son	Collingwood	0	35	39	50	56
UNITED COUNTIES OF STORMONT, DUNDAS AND GLENGARRY						
STORMONT						
1. Arsene Bourdon	20 Fennell Crescent, Cornwall	23	26	7	17	25
2. Armand Gauthier	Crysler	35	34	35	31	25
3. Poliskin Well Drillers	905 Edythe Ave., Cornwall	0	*	*	*	*
4. Oliver Ranger	Moose Creek	0	*	*	*	*
5. Roy and Son Reg'd	3260 Johnston Ave., Cornwall	35	24	14	20	28
DUNDAS						
1. Byron W. Campbell	Chesterville	*	0	*	0	*
2. R.H. Casselman	Williamsburg	86	69	83	61	75
3. Wm.J. Lewis	Brinton, R.R. 2,	2	8	1	6	0
4. Ivan Simzer	R.R. 1, Mountain	45	33	34	26	29
GLENGARRY						
1. Ferguson Thresher Co.	Box 16, Maxville,	15	0	3	3	2
2. Marland Murray	Martintown	0	*	*	*	.
SUDBURY						
1. Azilda Drilling	30 Marier St., Azilda	0	*	6	0	1
2. Roy Campbell	R.R. 2, Chelmsford	1	3	0	0	0
3. Philias C. Castonguay	Gen.Del., Chelmsford	0	*	0	0	0
4. Champion Water Drilling Co.	R.R. 1, Hammer	*	35	39	30	11
5. L.E. Denis	13 Armstrong St., Lockerby	0	44	19	16	26
6. Omer Houle	Box 43, Noelville	*	14	34	0	0
7. C.L. Lavallee	Chelmsford	8	*	0	0	*
8. L.C. Lavallee	Chelmsford	9	*	9	22	10
9. Markstay Diamond Drillers Ltd.	Markstay	*	*	*	*	19
10. Aurel Quenville	R.R. 3, Sudbury	*	*	*	17	16
11. E. & L. Quenville	1980 Bancroft Dr., Sudbury	*	*	14	2	*
12. Rays Drilling & Foundation Sounding Co.	Whitefish	*	10	28	21	6
13. Ernest Roy	Para St., McCrea Heights, Sudbury.	0	*	*	*	*
14. Joe Sabourin	Warren	0	*	*	*	*
15. Roland Sabourin	Warren	*	*	*	2	*
16. Sudbury Diamond Drilling	375 Laforest Ave., Sudbury	31	*	35	35	33
17. Raymond A. Wheaton	Elden Street, Whitefish	0	*	*	*	*
18. Worthington Well Drillers	R.R. 1, Worthington	0	0	*	*	*

\*Not Licensed

**APPENDIX B - LICENSED BORING AND DRILLING CONTRACTORS  
AND NUMBERS OF WELLS CONSTRUCTED  
1960 to 1964**

Licensed contractor and location by County and District	Address (All addresses are in Ontario unless otherwise stated)	Number of wells constructed				
		1960	1961	1962	1963	1964
THUNDER BAY						
1. Boyles Bros. Drilling (Eastern) Limited	142 North Cumberland St., Port Arthur	*	*	4	4	1
2. Wm. Cochrane & Son,	Front St., Nipigon	*	16	*	*	*
3. Alf Cooper & Co. Ltd.	212 North May St. Port William	*	*	*	*	0
4. DeCruyeneere Diamond Drilling & Supply	R.R. 1, Port Arthur	*	*	*	4	11
5. Lionel Duce	R.R. 3, Port William	*	1	5	0	*
6. Lake Superior Diamond Drilling Co. Ltd.	336 Leslie Ave., Port Arthur	*	*	48	50	43
7. Haquoil Construction Ltd.	352 Montreal St., Port William	*	*	*	1	0
8. Joseph E. Maley	R.R. 3, Port William	0	3	3	7	4
9. L. Morrow	Box 87, Geraldton	*	5	0	2	0
10. Northwest Drilling Ltd.	240 High Street, Port Arthur	*	*	*	*	12
11. Spikes Well Drilling	c/o Geo Duce, R.R. 3, Port William	*	*	*	*	3
12. Joseph Tucker	Box 184, Longlac	4	*	3	2	0
13. Victor Stenlund	Burkett	*	*	5	9	5
14. Joseph Tucker	Box 184, Longlac	4	*	3	2	0
TIMISKAMING						
1. Theode Blain	R.R. 1, New Liskeard	1	1	1	2	0
2. Wm. Cochrane & Son	Queen St., North Cobalt	0	*	*	*	*
3. Thos. J. Dewarrell	R.R. 2, Charlton	0	0	1	0	0
4. E.R. Parcher Diamond Drilg	34 Nickle St. Cobalt	6	2	5	8	*
5. R. Laframboise	P.O. Box 71, Earlton	0	0	2	0	*
VICTORIA						
1. Baldwin Well Drilling	R.R. 1, Kirkfield	62	86	73	141	95
2. Larry Baldwin	R.R. 1, Kirkfield	*	*	*	0	0
3. Frank Benson	R.R. 1, Kirkfield	0	0	0	0	*
4. Percy A. Buck	R.R. 1, Omamee	*	8	0	24	33
5. Gary Bades	Manilla	*	*	0	*	*
6. Donald Hart	R.R. 1, Fenelon Falls	0	41	58	27	0
7. G. Hart	R.R. 1, Fenelon Falls	36	47	52	38	44
8. K. Hart	R.R. 1, Fenelon Falls	84	28	37	5	65
9. J.F. Henderson	102 Elgin St., Lindsay	103	163	168	162	212
10. Elgin King	Little Britain	0	*	*	*	*
11. F.G. Lang	Omamee	0	0	0	*	*
12. Guy Steeves	Argyle	0	*	*	*	*
13. C.D. Weaver	Cobocook	8	5	2	*	0
14. Gordon Weaver	R.R. 2, Kirkfield	*	5	0	*	0
WATERLOO						
1. Acme Well Drillers	296 Patricia St., Kitchener	*	*	*	3	*
2. Banes Drilling Co.	63 Manchester Road, Kitchener	*	*	*	*	19
3. Henry A. Eddyvean	Preston	*	*	*	*	6
4. Fred J. Fischer	20 Macville Ave, Bridgeport	*	0	0	0	0
5. Roy D. Featherstone	145 Brentwood ave, Kitchener	*	0	*	*	*
6. Hadoo Services Ltd.	Elmira	*	0	*	*	*
7. A. Kerber	35 King St. N., Waterloo	37	100	90	120	113
8. C. & H. Kerr	133 Asmus St. New Hamburg	0	20	*	*	*
9. Nelson McLean	296 Patricia St. Kitchener	32	20	28	0	28
10. E. McLaurhlin & Sons	244 Erb St. W. Waterloo	*	8	0	8	0
11. Russel J. McLoughlin	236 Erb St., Waterloo	40	25	14	*	*
12. McLoughlin Well Drilling	c/o E. McLaurhlin, R.R. 3, Waterloo	*	26	36	59	0
13. J. Moore		*	*	*	6	3
14. John Sauder	176 Strasburg Road, Kitchener	*	*	*	*	32
15. Walter Schmeier	Box 5, Crosshill	*	6	*	*	*
16. Felix Straus	33 Sandra, Kitchener	0	0	0	0	0
17. L.C. Shantz	St. Clements	*	*	*	0	0
18. Felix Straus	R.R. 1, Preston	31	22	37	37	24
	St. Clements	*	*	*	0	0

\*Not Licensed



APPENDIX B - LICENSED BORING AND DRILLING CONTRACTORS  
AND NUMBERS OF WELLS CONSTRUCTED  
1960 to 1964

Licensed contractor and location by County and District	Address (All addresses are in Ontario unless otherwise stated)	Number of wells constructed				
		1960	1961	1962	1963	1964
WELLAND						
1. Orley Culver	Stevensville	0	*	*	*	*
2. M. Deshaies	R.R. 1, Wainfleet	*	7	0	*	*
3. James Drilling Ltd.	25 Riverview Drive, Welland.	*	*	*	0	*
4. L. Hallborg	R.R. 1, Port Colborne	18	*	*	*	*
5. Earl Johnston	455 Ridge St. Ridgeway,	*	*	*	*	2
6. R.L. Schooley	R.R. 3, Port Colborne	28	37	35	35	30
7. Walter Winger	209 Emerick Ave., Port Erie	29	22	16	16	12
WELLINGTON						
1. David G. Anger	Harriston	*	*	*	0	0
2. John Cudney & Son	Washington St., Salem	0	20	19	25	18
3. Albert Earley	202 Neeve St. Guelph	*	*	*	*	26
4. R.H. Gadke	R.R. 1, Clifford	0	34	*	*	*
5. Donald W. Goll	Harriston	*	*	*	*	0
6. R.H. Gow	Fergus	*	*	*	*	0
7. J.L. Graham	R.R. 3, Guelph	56	74	86	85	64
8. Charles Hill	R.R. 2, Elora	0	52	46	51	55
9. Edwin A. Keeso	Clifford, Box 43	25	26	27	25	29
10. Ladoo Drilling	R.R. 1, Hillsburgh	*	*	24	47	54
11. John E. Murray	Box 54, Moorefield	0	0	0	0	*
12. Earl Sauder	R.R. 1, Wallenstein	0	*	*	*	*
13. John Sauder	R.R. 1, Wallenstein	0	*	*	*	*
14. J. Calvin Sprowl	137 Renfield St. Guelph	*	35	0	41	0
15. Water Well Drilling	c/o Gadke, Clifford	*	*	35	26	29
WENTWORTH						
1. Allard Bros.	208 Grosvenor Ave., Hamilton	19	25	*	*	*
2. James A. Anderson	Freelton	0	0	0	4	13
3. David E. Ashbaugh	Glanford Station	0	*	*	*	*
4. S.J. Atkinson	239 Rosemary Lane, Ancaster	1	3	5	6	15
5. Howard W. Comfort	137 Corman Ave., Stoney Creek	0	*	*	*	*
6. Ernest Constable	R.R. 2, Box 33, Hannon	27	24	13	15	11
7. Cross Bros.	Ryckman's Corners	44	32	29	56	53
8. Edward Doyle	981 Upper James St., Hamilton	0	*	*	*	*
9. R. Embleton	R.R. 3, Hamilton	13	7	7	2	0
10. S. Gill	55 Alpine Ave., Hamilton	30	45	35	42	34
11. Frank Ince	Ryckman's Corners	46	60	72	72	110
12. Bart O'Connor	40 Union St., Waterdown	21	20	10	10	8
13. Elvin Pegg	R.R. 4, Dundas	8	*	1	7	0
14. W.E. Scriven	Box 85, R.R. 3, Hannon	33	27	23	18	16
15. G.J. Wallis	R.R. 5, Hamilton	47	41	54	50	38
YORK						
1. John L. Agnew	R.R. 1, King	0	3	0	*	*
2. Babuk Well Boring	Islington	*	67	86	56	55
3. Maurice Babluk	590 Burnhamthorpe Rd. Etobicoke	57	80	91	91	82
4. Michael Babuk	126 Laurel Ave. Islington	52	0	*	*	*
5. Wellington Bennett	Milliken	0	0	*	*	*
6. Joseph Bingham	R.R. 2, Stouffville	1	0	1	2	0
7. Wm. Bishop	R.R. 1, Gormley	*	0	*	*	*
8. F.R. Roadway	Sutton West	54	78	86	86	58
9. R.F. Challoner	15 Johnston Ave., Thornhill	7	3	5	6	*
10. Fred Constable	R.R. 2, Woodbridge	24	31	27	43	22
11. R.T. Cook and Associates	62 Richmond St. W., Toronto	0	*	*	0	0
12. James Diceman	Sharon	*	*	*	0	0
13. Joseph O. Downing	Rexdale	*	*	*	*	0
14. John F. Ellacott	Box 92, Thornhill	*	0	*	*	*
15. Bruce H. Findlay	75 Northwood Dr., Willowdale	8	8	11	4	2
16. David Fockler	Ringwood	*	2	21	*	18
17. Gordon Fockler	Ringwood	16	15	21	16	*
18. W.F. Gartshore	R.R. 1, Sharon	13	22	27	0	18
19. Frank Gerritts	R.R. 2, Aurora	0	0	22	*	*
20. Gormley Well Drilling	R.R. 1, Gormley	*	*	30	31	30

\*Not Licensed

**APPENDIX B - LICENSED BORING AND DRILLING CONTRACTORS  
AND NUMBERS OF WELLS CONSTRUCTED  
1960 to 1964**

Licensed contractor and location by County and District	Address (All addresses are in Ontario unless otherwise stated)	Number of wells constructed				
		1960	1961	1962	1963	1964
YORK						
21. Frank Harrison	1223 Yonge St. Box 151 Thornhill	6	7	9	0	*
22. Fred Hollingshead	Box 17, Holland Landing	2	0	0	*	*
23. B.Huffman & Sons	494 Lakeshore Rd., Toronto 14	9	9	13	13	9
24. Blake Hunt	6742 Kingston Rd., Highland Creek	7	14	3	5	*
25. Jefferson Drilling Co.	Box 31, Oak Ridges	0	2	0	*	*
26. Peter Jorritsma	R.R. 1, Ravenshoe	0	*	*	*	*
27. Keswick Well Drilling Co.	Elmhurst Beach, Keswick	20	13	19	26	17
28. John F.Kitching&Son	Holland Landing	*	*	*	*	70
29. King City Well Drilling Co. Ltd.	Box 192,King City	27	38	68	51	37
30. Andreas G.Knelsen	Birchill Rd., Pine Grove	*	0	*	*	*
31. Harry Lagendyk	Pine Grove	*	0	*	*	*
32. Douglas S. Loughheed	Box 222, Newmarket	40	38	50	42	47
33. Wm.B. McCauley	Aurora	*	*	*	*	12
34. Alton McKnight	63 Nipigon Ave., Willowdale	0	*	*	0	0
35. Northern Well Digging	Aurora	*	*	*	*	20
36. Ontario Well Digging Co.	Wayne Dr.,R.R.1, Newmarket	125	127	199	180	61
37. Provincial Drilling	Box 205,Richmond Hill	*	1	1	4	8
38. Reliance Well Drilling	Keswick	0	9	2	*	*
39. R.B.Renwick	Thornhill	2	8	*	*	*
40. T.W.Renwick	R.R.W, Gormley	0	*	*	*	*
41. C.M.Rutledge	Nobleton	36	34	*	*	*
42. Rutledge Water Wells Ltd.	Nobleton	*	34	37	32	30
43. Charles E. Snider	R.R. 1, Woodbridge	42	40	35	19	27
44. Peter Spatuck	166 Close Ave.,Toronto 3	11	*	*	*	*
45. Albert J. Thomas	River Glen Dr., Keswick	8	9	0	0	*
46. Rinus Vardenboom	Nobleton	*	*	*	0	14
47. James Walke	Aurora	*	*	*	*	0
48. Tom White	R.R. 2, Stouffville	11	14	17	14	13
49. Wilson's Well Drilling	R.R. 2, Gormley	*	*	150	107	109
QUEBEC						
1. Benoit,Gagne	Moffet	*	*	5	*	*
2. Steeves Well Drilling	c/o Trudeau & Fils Ltee. Box 10,Ste.Anne de Bellevue	*	*	7	*	*
3. Steeve's Well Drilling	Dorion	*	*	*	17	3
4. Trudeau & Fils,Ltee	Box 10, Ste.Anne de Bellevue	20	*	*	*	*
5. Byron Campbell	R.1, Grenville	*	*	4	4	*

\*Not Licensed



# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY Eastview City	A. Montpetit	J.B.Dufresne & Co. Ltd.	Apr. 15, 1964	6	3 1/2	155	15	Fresh	D	Fill 7; black shale 190. Water at 185.
Fitzroy Twp.	D. Bradley	A. Stanton	Jan. 5, 1961	6	15	28	6	Sulphur	S	Blue clay 118; grey limestone 187. Water at 163 and 125.
" 1st 14	O. Ziebarth	"	Nov. 22, 1960	6	12	65	9	Fresh	S	Blue clay 115; grey limestone 124. Water at 115 and 123.
" 19	W. Baxter	B.E. Sparks	Mar. 25, 1961	4	5	90	6	"	D	Hard blue clay 16; soft blue clay 78; limestone 122. Water at 120.
" 20	D. Caldwell	D. McIardy	Nov. 16, 1961	6	10	30	16	Salty	S	Old dug well 20; blue clay 129; gravel 130. Water at 130
" 20	K. Evans	A. Stanton	Oct. 13, 1960	5	8	70	20	Fresh	S	Blue clay 127; sand 200; grey limestone 258. Water at 225 and 255.
" 24	G. Rintoul	"	Sep. 12, 1963	6	8	45	12	"	D	Blue clay 39; hard grey limestone 80. Water at 75 and 80.
" 26	S. Hudson	"	Nov. 20, 1964	6	5	160	22	"	D, S	Loam 14; grey limestone 176. Water at 103 and 174.
" 1	Wulder Bros.	C. Goodberry Well Drilling Ltd.	Nov. 1, 1961	6	12	96	20	"	D, S	Topsoil 1; blue clay 30; blue limestone 114. Water at 110.
" 4	W. Jones	A. Stanton	Mar. 16, 1962	6	10	46	25	"	D	Blue clay 92; grey limestone 242. Water at 240.
" 5	P. Edwards	F.R. Cossette	Dec. 15, 1960	4	6	60	36	Salty	D, S	Clay 92; grey limestone 290. Water at 290.
" 6	P. Hamill	A. Stanton	Sep. 13, 1962	6	10	28	28	Fresh	D, S	Blue clay 70; sand 90; blue clay 170; grey limestone 326. Water from 257 to 320.
" 7	J. Story	"	Mar. 3, 1962	6	20	40	28	"	D	Blue clay 200; grey limestone 268. Water at 251 and 268.
" 7	J. Falls	Capital Water Supply	Jun. 5, 1962	5	10	100	70	"	D	Sandy clay 40; coarse sand 80; fine sand 94; blue limestone 65. Water at 125 and 160.
" 12	K. Hill	N. McLaughlin	Dec. 30, 1960	6	20	110	20	Salty	D, S	Blue clay 95; limestone 140; limestone sand 158. Water at 125.
" 13	P. Wilson	A. Stanton	Aug. 22, 1963	6	10	160	10	"	D, S	Blue clay 131; grey limestone 244. Water at 200 and 244.
" 20	N. Clarke	"	Nov. 20, 1962	6	15	60	Flows	"	S	Blue clay 269; sand 271. Water at 271.
" 22	B. Lewandoski	"	Apr. 15, 1961	6	20	95	5	Fresh	D, S	Blue clay 257; coarse sand 265; grey limestone 327. Water at 292 and 325.
" 22	E. Argue	"	Oct. 29, 1960	6	8	50	18	Salty	S	Blue clay 190; sand 198; grey limestone 268. Water at 240.
" 22	G. Evans	J.B.Dufresne Co. Ltd.	May 31, 1962	6	6	175	15	Fresh	D, S	Blue clay 175; sand 181; grey limestone 185. Water at 193.
" 23	A. Lytle	A. Stanton	Jan. 20, 1961	6	20	40	16	"	D	Blue clay 95; grey limestone 160; white limestone 207. Water at 156, 170 and 205.



CARLETON COUNTY - cont.  
Pitroy Twp. - cont.

Con II	lot 25	R. Goodwin	D. MacHardy	Oct. 24, 1961	5	10	35	15	Fresh	D, S	Brown clay 25; sand 39; white limestone 110. Water at 65 and 109.
Con III	" 3	Colton Bros.	C. Goodberry Well Drilling Ltd.	Mar. 22, 1961	6 1/2	5	50	19	"	D, S	Topsoil 1; brown clay 8; brown limestone 121. Water at 106 and 115.
Con III	" 4	B. Stewart	"	Jun. 24, 1961	6	5	90	7	"	D, S	Clay 12; blue limestone 100. Water at 56 and 80.
Con III	" 6	C. Storey	"	Mar. 15, 1961	6	20	100	40	"	D, S	Topsoil 3; clay 47; blue limestone 317. Water at 316.
Con III	" 8	B. Sparrow	D.O. MacHardy	Oct. 26, 1960	5	10	35	18	Sulphur	S	Brown clay 15; blue clay 55; grey limestone 93. Water at 74 and 93.
Con III	" 10	K. Higginson	J.B. Dufresne	Jan. 6, 1961	6	2	100	6	Fresh	D, S	Blue clay 60; grey rock limestone 115. Water at 110.
Con III	" 18	A. Umphries	M. McLaughlin	Sep. 6, 1963	6	10	60	40	"	D	Sand 3; gravel pebbles coarse sand 95. Water at 65.
Con III	" 23	E. Stankey	D.O. MacHardy	Feb. 8, 1960	5	10	50	17	"	D, S	Brown clay 15; blue clay 110; sand 115; brown slate 135; white limestone 175. Water at 135 and 175.
Con III	" 25	P. Doyle	"	Jan. 25, 1962	6	10	30	12	"	D, S	Brown clay 20; blue clay 52; sand gravel 54; grey limestone 94. Water at 93.
Con III	" 25	O. Bullard	K. Presley	Oct. 14, 1963	5	13	12	12	"	D	Clay 35; sand 60; limestone 100. Water at 90.
Con IV	" 1	W. Cavanagh	W. Moloughney	Feb. 12, 1961	6	30	35	6	"	D, S	Silt 10; grey limestone 45. Water at 35 and 45.
Con IV	" 8	Halpenny's Garage	A. Stanton	Oct. 27, 1962	6	15	22	13	"	C	Shale 20; grey limestone 168. Water at 97 and 168.
Con IV	" 10	M. Senior	D.O. MacHardy	Dec. 3, 1960	5	10	20	5	"	S	Brown clay 17; blue clay 57; grey limestone 80. Water at 80.
Con IV	" 10	D. Coedy	W. Moloughney	Mar. 20, 1961	4	4	100	2	"	D	Clay 15; grey limestone 165. Water at 100, 150 and 165.
Con IV	" 11	L.A. Ross	F.R. Cossette	Jan. 4, 1961	4	6	30	16	Salty	D, S	Clay 114; grey limestone 285. Water at 285.
Con IV	" 11	R. Dowd	A. Stanton	Dec. 8, 1962	6	15	13	Flows	Fresh	D	Blue clay 18; grey limestone 250. Water at 238 and 250.
Con IV	" 12	R. Tripp	D.A. MacHardy	Jan. 9, 1961	5	5	100	12	Salty	S	Brown clay 12; blue clay 150; gravel 152. Water at 152.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY - cont. Pittsford Twp. - cont.										
Con IV	B. Serson	A. Stanton	Dec. 4, 1964	6	10	108	27	Sulphur	D,S	Blue clay 131;grey limestone 198. Water at 183 and 198.
Con IV	G. Greene	"	Jul. 1, 1964	6	10	40	Flows	"	D	Blue clay 240;grey limestone 320. Water at 315 and 320.
Con IV	C. Wright	F.R. Cossette	Dec. 16, 1960	3	4	120	11	"	N	Clay 120;grey limestone 129. Water from 120 to 129.
Con IV	H. Maldon	D.O. MacHardy	Jan. 19, 1961	5	4	120	11	"	D	Brown clay 9;blue clay 24;hard black rock 54;white limestone 145. Water at 70 and 120.
Con IV	"	A. Stanton	May 19, 1962	6	10	62	30	"	D	Loam 4;blue clay 50; sand 68. Water at 68.
Con IV	"	"	Sep. 7, 1964	6	15	56	33	"	P	Sand 6;blue clay 77;grey limestone 142. Water at 113 and 140.
Con IV	"	D.O. MacHardy	Nov. 3, 1961	6	8	20	16	"	D,S	Brown clay 20;blue clay 45;sand 62;white limestone 106.
Con V	"	A. Stanton	Nov. 10, 1960	5	15	63	10	"	D,S	Shale 5;grey limestone 238. Water at 93, 165 and 230.
Con V	"	D.O. MacHardy	May 1, 1961	5	10	65	15	"	D	Brown clay 12;blue clay 120;sand gravel 130;grey limestone 165. Water at 160.
Con V	"	"	Aug. 30, 1960	4	"	"	28	"	D	Sand 4;shaly rock 12;hard grey rock 170;white limestone 312. Water at 70.
Con V	"	"	Sep. 6, 1960	5	10	30	12	Fresh	D	Loam 3;brown clay 14;blue clay 40;sand 45;gravel 48. Water at 48.
Con V	"	J.B. Dufresne & Co., Ltd.	Oct. 10, 1962	6	"	"	"	"	D	Clay 25;rock 100. Dry hole.
Con V	"	"	Oct. 11, 1962	6	20	200	7	Fresh	D,S	Clay 22;rock granite 240. Water at 54.
Con V	"	D.O. MacHardy	Feb. 23, 1961	5	5	80	14	"	S	Brown clay 14;blue clay 170;sand 200;fine gravel 233;grey limestone 270. Water at 270.
Con V	"	J.B. Dufresne & Co., Ltd.	Dec. 4, 1962	6	30	110	30	"	D,S	Blue clay 7;red granite 110. Water at 80.
Con V	"	D.O. MacHardy	Sep. 14, 1961	4	2	175	28	"	D	Clay 10;hard blue grey rock 70;white limestone 175. Water at 90.
Con V	"	"	Jan. 18, 1962	4	5	120	28	"	D	Clay 50;sand 65;hard black rock 125. Water at 100 and 125.
Con V	"	A. Stanton	Jan. 20, 1962	5	10	58	28	"	D	Blue clay 60;sand 77;limestone 157. Water at 113 and 157.
Con VI	"	D.O. MacHardy	Oct. 22, 1960	5	4	100	10	Sulphur	S	Brown clay 15;blue clay 74;grey limestone 140. Water at 130.
Con VI	"	A. Stanton	Feb. 20, 1962	6	20	40	20	"	S	Blue clay 92;grey limestone 233. Water at 117 and 230.
Con VI	"	D.O. MacHardy	Feb. 6, 1961	5	10	60	34	"	S	Brown clay 12;blue clay 75;grey limestone 150. Water at 150.
Con VI	"	A. Stanton	Sep. 26, 1961	6	7	72	3	Fresh	P	Blue clay 150;medium sand 168. Water at 168.
Con VI	"	"	Sep. 12, 1961	6	3	40	12	"	D	Clay loam 3;sandstone 75. Water at 60.
Con VI	"	M. McLaughlin	Jan. 20, 1960	4	4	80	13	"	D	Brown clay 8;blue clay 21;white limestone 208.
Con VI	"	D.O. MacHardy	Jan. 26, 1960	4	4	80	13	Sulphur	D	Brown clay 9;blue clay 25;limestone 105. Water at 103.
Con VI	"	"	Jun. 6, 1961	4	10	25	18	"	D	Brown clay could not be 12;blue clay small pebbles 14;white limestone 165. Water at 70 and 160.
Con VI	"	"	Jun. 17, 1961	4	15	25	19	"	D	Brown clay 9;blue clay 16;white limestone 160. Water at 150.
Con VI	"	A. Stanton	Oct. 14, 1964	6	10	70	29	"	D	Sand 6;grey granite 150. Water at 87 and 150.
Con VII	"	"	Dec. 21, 1963	6	10	175	15	Sulphur	S	Blue clay 70;grey limestone 343. Water at 147, 275 and 346.
Con VII	"	W. McLoughney	Jan. 20, 1961	5	3	200	20	Fresh	D,S	Clay 60;grey limestone 210. Water at 100, 180 and 210.
Con VII	"	"	Jan. 28, 1961	6	6	80	20	Salty	D,S	Clay 101;grey limestone 120. Water at 120.
Con VII	"	C. Goodberry Well Drilling Ltd.	Dec. 26, 1961	6	7	35	13	Fresh	D,S	Sand 6;red grey granite 85. Water at 55 and 75.
Con VII	"	D.O. MacHardy	May 4, 1960	5	"	"	5	"	S	Brown clay 18;grey limestone 105;white limestone 375. Water at 35.

CARLETON COUNTY - cont.  
Fitzroy Twp. - cont.

Con VII	J. Cavanagh	D.O. MacHardy	Oct. 30, 1961	6	8	20	12	Fresh	D	Brown clay 15; blue clay 35; sand 38; white limestone 102. Water at 70 and 101.
Con VII	M.L. Farrell	A. Stanton	Nov. 9, 1963	6	10	36	12	"	D.S.	Sand 7; white limestone 130. Water at 86 and 125.
Con VIII	G. Lowry	W. Mouloughney	Jan. 8, 1961	5	5	120	40	"	D.S.	Clay 102; silt 120; grey limestone 170. Water at 140 and 170.
Con VIII	J.C. Shaw	"	Aug. 26, 1962	6	4	150	15	"	D.S.	Clay 142; limestone 195. Water at 175 and 190.
Con VIII	L. Stevenson	C. Goodberry well Drilling Ltd.	Dec. 28, 1964	6	6	150	14	"	D.S.	Topsoil 1; clay 98; limestone 175. Water at 140 and 165.
Con VIII	W. Gourlay	"	Nov. 23, 1962	6	10	32	10	"	D	Gravel boulders 3; sand boulders 53; white limestone 70 1/2. Water at 66.
Con VIII	L. Cavanagh	D.O. MacHardy	Oct. 27, 1961	5	5	50	20	"	D.S.	Brown clay 28; white limestone 120. Water at 120.
Con VIII	E. Strong	"	Feb. 10, 1961	5	10	25	15	"	D	Brown clay 15; blue clay 30; hardpan 40; white limestone 98. Water at 98.
Con VIII	J. Brunett	A. Stanton	Sep. 24, 1963	6	10	35	13	"	D	Grey limestone 17; white limestone 118. Water at 69 and 115.
Con IX	G. Eastman	"	Jan. 12, 1961	6	12	24	6	"	S	Loam 10; blue clay 35; gravel clay 40; gravel 54. Water at 54.
Con IX	J. Munroe	"	Mar. 21, 1961	6	10	100	13	"	D	Sand stone 4; grey granite 52; blue granite 193. Water at 67, 113, 165 and 191.
Con IX	W. Stanton	"	Dec. 24, 1960	6	15	57	20	"	D	Blue clay 40; white limestone 162. Water at 113 and 160.
Con IX	G. Peever	"	Nov. 10, 1964	2	15	60	10	"	D.S.	Loam 4; blue clay 17; sand 20; grey limestone 67. Water at 65.
Con X	E. Baird	"	Nov. 12, 1964	6	15	15	12	"	D.S.	Blue clay 17; white limestone 55. Water at 55.
Con X	Fitzroy Harbour Cheese Factory	"	Jun. 5, 1963	6	15	13	9	"	In	Sand stones 6; hard grey limestone 59. Water at 58.
Con X	W. Tripp	D.O. MacHardy	May 20, 1960	4	5	20	12	"	D	Brown clay 14; hardpan 18; grey granite 76. Water at 35 and 75.
Con X	"	"	Oct. 10, 1960	4	10	30	20	"	P	Clay 15; sand 20; grey limestone 55. Water at 55.
Con X	O. Backa	"	Oct. 18, 1960	5	10	30	23	"	D	Brown clay 18; blue clay 37; grey limestone 60. Water at 60.
Con X	United Church	"	Oct. 31, 1960	4	10	30	20	"	P	Brown clay 17; hard grey limestone 65. Water at 65.
Con X	J. Bowman	"	Nov. 3, 1960	5	10	40	20	"	C	Brown clay 24; blue clay 56; hard grey limestone 72. Water at 72.
Con X	D. Reitsma	"	Apr. 26, 1961	6	10	40	23	"	D	Brown clay 15; blue clay 51; sand 65; grey limestone 98. Water at 98.
Con X	H. Wilson	J.B. Dufresne & Co. Ltd.	Apr. 20, 1961	5	10	30	21	"	D	Brown clay 16; blue clay 52; grey limestone 83. Water at 82.
Con X	W. Clouthier	"	May 30, 1962	6	1	150	100	"	D	Blue clay 15; grey limestone 85; grey limestone 180. Water at 75.
Con X	Travelers Insurance Co.	McLean Water Supply Ltd.	Aug. 13, 1962	7	1 1/2	100	32	"	D	Clay 28; limestone 85; granite 125. Water from 85 to 100.
Con X	H. Baird	J.B. Dufresne & Co. Ltd.	Apr. 18, 1963	6	1	94	18	"	D	Clay 50; till 64; granite rock 94. Water at 92.
Con X	E.E.L. Morphy	A. Stanton	May 22, 1963	6	10	24	15	"	D	Loam 1 1/2; red limestone 35; grey limestone 113. Water at 97 and 113.
Con X	W.P. Hanna	D.O. MacHardy	Aug. 5, 1960	4	10	35	18	"	D	Brown clay 19; blue clay 35; sand 38; grey granite 85. Water at 70 and 85.
Con X	M. London	"	Oct. 12, 1960	5	10	30	28	"	D	Brown clay 23; blue clay 32; clay 40; sand 57; grey limestone 78. Water at 50.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY - cont. Fitzroy Twp. - 1st 24	H. Carry	D.O. MacHardy	Oct. 14, 1960	5	10	35	29	Fresh	D	Brown clay 25; blue clay 33; stones clay 40; sand 60; grey limestone 77. Water at 77.
Con X " 24	C. Munro	"	Jan. 5, 1961	5	10	45	35	"	D	Brown clay 20; blue clay 36; sand gravel 42; hardpan 58; grey limestone 95. Water at 95.
Con X " 24	St. Michaels School # 8	A. Stanton	May 17, 1961	6	15	90	26	"	P	Blue clay 55; coarse sand 60; red granite 110. Water at 83, 95 and 108.
Con X " 24	St. Michaels Church	"	May 24, 1961	6	10	70	23	"	D	Blue clay 55; coarse sand 60; red granite 100. Water at 78 and 95.
Con X " 24	J. Lunney	D.C. MacHardy	Dec. 15, 1961	5	5	120	75	"	D	Brown clay 20; green slate rock 96; grey limestone 153. Water at 96 and 150.
Con X " 24	P. Lechappelle	Moloughney Well Drilling	May 3, 1962	4	8	25	12	"	D	Clay 38; limestone 48. Water at 48.
Con X " 24	A.V. Baker	A. Stanton	May 17, 1963	5	5	95	24	"	D	Blue clay 33; sand stones 50. Water at 70 and 110.
Con X " 24	J.B. Dufresne & Co.	J.B. Dufresne & Co.	Sep. 19, 1964	10	40	30	30	"	D	Clay 40; hardpan 45; limestone 90. Water at 90.
Con X " 24	C. Craig	A. Stanton	Oct. 22, 1964	6	10	60	30	"	D	Blue clay 40; gravel coarse sand 58; grey granite 101. Water at 78 and 101.
Con X " 25	Provincial Ont. Park	D.O. MacHardy	Sep. 28, 1960	5	10	40	31	"	P	Clay 12; hardpan 28; shale 30; grey limestone 69. Water at 68.
Con X " 25	"	"	Oct. 5, 1960	5	10	15	15	"	P	Shale 1; grey limestone 58. Water at 58.
Con X " 25	"	"	Dec. 21, 1960	5	5	50	40	"	P	Brown clay 12; boulders hardpan 17; red slate rock 50; green slate rock 78. Water at 78.
Con X " 25	"	M. McLaughlin	Oct. 11, 1961	6	10	39	32	"	P	Clay 2; shale 7; limestone 68; brown granite 85. Water at 79.
Con X " 25	"	"	Oct. 16, 1961	6	10	37	29	"	P	Clay 3; shale 9; limestone 38; brown granite 102. Water at 90.
Con X " 25	"	"	Oct. 21, 1961	6	10	36	30	"	P	Stones clay 4; shale 8; limestone 56; brown granite 100. Water at 85.
Con X " 26	"	"	Oct. 27, 1961	6	10	34	25	"	P	Clay stones 4; shale 7; limestone 73; brown granite 100. Water at 81.
Con X " 26	"	D.O. MacHardy	Sep. 30, 1960	5	10	16	12	"	P	Loam stones 8; shale 15; grey limestone 50. Water at 50.
Con X " 26	"	"	Dec. 17, 1960	5	118	50	50	"	N	Brown clay 15; boulders hardpan 19; red slate 65; green slate 118. Water at 85.
Con X " 26	"	"	Dec. 30, 1960	5	10	50	35	"	P	Brown clay 12; stones hardpan 16; red slate 44; green slate 90. Water at 90.
Con X " 26	"	M. McLaughlin	Nov. 8, 1961	6	5	53	39	"	P	Clay loam stones 3; shale 6; limestone 113; multi colour granite 128. Water at 109.
Con X " 26	C. Guerin Provincial Ont. Park	T.R. Coasette	Jul. 11, 1963	2	6	25	3	"	D	Sand 15; limestone 32. Water at 32.
Con X " 27	"	D.O. MacHardy	Sep. 16, 1960	5	10	12	10	"	P	Brown clay 15; shale 24; green slate rock 51. Water at 35 and 50.
Con X " 27	"	"	Sep. 21, 1960	5	10	10	7	"	P	Brown clay 8; shale 15; green shale 60. Water at 40 and 60.
Con X " 27	"	"	Sep. 24, 1960	5	10	30	13	"	P	Loam stones 2; green slate 73. Water at 72.
Con X " 27	"	M. McLaughlin	Oct. 30, 1961	6	10	30	18	"	P	Clay boulders 28; limestone 65. Water at 55.
Con XI " D	J.C. Langelier	J.B. Dufresne & Co. Ltd.	Apr. 21, 1961	6	2	115	20	"	D	Grey limestone 117. Water at 35 and 97.
Con XI " D	A. Stevenson	A. Stanton	May 27, 1963	6	10	24	4	"	D	Shale 10; grey limestone 76. Water at 75.
Con XI " 22	J.C. Campbell	W.V. Nugent	Nov. 30, 1961	6 1/2	11	44	16	"	D, S	Clay loam 11; limestone 103. Water at 94.
Con XI " 23	J.P. Edwards	J.B. Dufresne & Co. Ltd.	Jul. 21, 1964	6	5	75	25	"	D	Yellow fossiliferous stones 10; limestone shale 84. Water at 80.
Con XI " 24	T. Wilson	D.O. MacHardy	May 10, 1960	5	5	20	4	"	C	Brown clay 10; green slate 45; red slate 60. Water at 32 and 60.



## CARLETON COUNTY - cont.

City	Section	Lot	Owner	Drill	Depth	Strata	Remarks
Patroy Twp. - cont.							
Con XI	lot 24	E. Tripp	D.O. MacHardy	May 10, 1962	5	50	Loam 2; grey limestone 78. Water at 30 and 78.
Con XI	" 24	W.J. Delawant	J.B. Dufresne & Co. Ltd.	May 1, 1964	6	145	Topsoil 25; rock grey limestone 145. Water at 135.
Con XII	" 25	R. Weir	D.O. MacHardy	Dec. 28, 1960	5	15	Topsoil 4; clay 9; grey limestone 70. Water at 70.
Con XII	NE 1/4	Archdiocese of Ottawa	J.B. Dufresne & Co.	Jul. 3, 1962	5	15	Blue clay 30; sand gravel 72; grey limestone 110. Water at 75 and 105.
Con XII	lot 3	J. Campbell	B.E. Sparks	Apr. 4, 1962	4	23	Clay 17; granite 30. Water at 28.
Con XII	lot 10	G. Teevans	A. Stanton	Sep. 1, 1962	5	7	Sand stones 5; grey granite 47; green granite 218. Water at 90 and 215.
Con XII	" 21	C. Smith	D.O. MacHardy	Aug. 3, 1960	5	10	Brown clay 18; blue clay 48; green slate 90. Water at 90.
Con XII	" 25	B. Bruce	"	May 18, 1962	5	10	Brown clay 18; blue clay 63; grey limestone 88. Water at 88.
Gloucester Twp.							
BP	lot 9	R.H. Walsworth	Blair Phillips Drilling Co. Ltd.	Oct. 16, 1961	4	10	Clay 5; sand 40; boulders 56; grey limestone 63. Water at 63.
BP	" 11	McDonald Const	V. Cossette	May 2, 1962	3	9	Clay 30; sand gravel boulders 57; limestone 152. Water at 152.
BP	" 12	G.A. Bond	R.H. Adams	Aug. 5, 1960	4	8	Blue clay 82. Water at 82.
BP	" 18	L. Aurels	M. Cossette	Jul. 23, 1960	3	4	Blue clay 70; sand boulders 80; sandstone 99. Water at 99.
BP	" 18	D. Macdonald Cont. Ltd.	V. Cossette	Jul. 10, 1961	4	30	Clay 77; sandstone 96. Water at 93.
BP	" 18	L. McIlrath	J.B. Dufresne Co. Ltd.	Oct. 20, 1961	2	5	Clay 65; boulders gravel 82; sandstone 105. Water at 102.
BP	" 20	Hidau View School	Capital Water Supply	Aug. 12, 1963	5	15	Clay 20; sand boulders 40; gravel 46; hardpan boulders 62; sandstone 102. Water at 80, 95 and 101.
BP	" 20	H. Switzer	"	Jan. 23, 1964	5	10	Clay 25; clay boulders 55; gravel boulders 66; sandstone 87. Water at 86.
BP	" 21	H.M. Babcock	"	Aug. 23, 1963	7	10	Clay 60; gravel 64; limestone 98; sandstone 205; limestone 211. Water at 90, 140, and 209.
BP	" 22	C. Nixon	Blair Phillips Drilling Co. Ltd.	Jun. 6, 1961	5	10	Clay boulders 88; grey limestone 120. Water at 120.
BP	" 22	McHostle & Ass.	J.B. Dufresne Co. Ltd.	Aug. 15, 1961	6	20	Topsoil 2; clay boulders gravel sand 27; dolomite 42. Water from 28 to 42.
BP	" 22	"	"	Aug. 17, 1961	6	127	Sand clay small boulders 35; gravel sand 42. Water from 35 to 42.
BP	" 23	J.K. Pritchard	"	Dec. 1, 1961	2	5	Blue clay 21; sand boulders gravel 49; sandstone 85. Water at 82.
BP	" 23	R.C.M.F. Long Island Summer Camp	Capital Water Supply	May 13, 1964	5	7	Clay 30; sand 35; gravel 37. Water at 37.
BP	" 23	"	"	May 15, 1964	5	10	Clay 15; boulders sand 28; gravel sand 52. Water at 51.
BP	" 23	"	"	May 22, 1964	5	10	Clay boulders 25; gravel 44; limestone 55; sandstone 59; limestone 64. Water at 63.
BP	" 24	N. Frisch	B.E. Sparks	Sep. 9, 1960	4	6	Blue clay 20; boulders 32; grey limestone 49. Water at 34.
BP	" 24	G.E. Nolen	P.R. Cossette	May 8, 1961	2	12	Clay 17; boulders sand gravel 38; grey hard limestone 50. Water at 50.
BP	" 24	O. Bruder	V. Cossette	May 12, 1962	2	6	Brown sand clay 15; boulders gravel sand 37; limestone 71. Water at 69.

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY - cont.										
Gloucester Twp. - cont.										
lot 24	E. Armstrong	M. Meagher	Oct. 30, 1963	4	4	44	40	Fresh	D	Clay 40; limestone 75. Water at 75.
BP	W.N. Construction	Capital Water Supply	Sep. 30, 1964	5	10	25	20	"	P	Clay 20; sand 25; limestone 58. Water at 54.
" 24	"	"	"	"	"	"	"	"	"	"
BP	Allen Constr.	"	Nov. 27, 1964	5	10	25	24	"	D	Clay 20; sand boulders 34; limestone 62. Water at 60.
" 25	G. McLes	M. Meagher	May 17, 1960	4	3	24	21	"	D	Clay boulders 46; limestone 61. Water at 60.
BP	E.R. Dowler	Blair Phillips Drilling Co. Ltd.	Jul. 27, 1962	4	4	25	20	"	D	Clay 60; grey limestone 91. Water at 91.
" 25	"	"	"	"	"	"	"	"	"	"
BP	C.W. Jackson	M. Meagher	Sep. 11, 1960	4	3 1/2	24	24	"	D	Clay boulders 32; sandy gravel 47; grey limestone 57. Water at 57.
" 26	"	"	"	"	"	"	"	"	"	"
BP	D. MacDonald	V. Cossette	Jul. 6, 1961	4	8	23	11	"	D	Clay 27; gravel boulders 47; grey limestone 81. Water at 78.
" 27	W. Vanden Bosch	F.R. Cossette	Jul. 19, 1962	2	5	30	11	"	D	Old well 65; sandstone 24 1/2; grey granite sandstone 250. Water at 250.
BP	B.W.P. Cowan	J.B. Dufresne & Co.	Jun. 11, 1963	2	5	20	12	"	D	Sand gravel 48; rock 52. Water at 49.
Cere	J.C. Neuber	C. Dufresne Ltd.	May 18, 1964	2	3	30	20	"	D	Gravel boulder 18; sandstone 70. Water at 68.
" 25	E.A.P. Richards	"	May 21, 1964	2	4	45	16	"	D	Gravel boulder 18; sand stone 96. Water at 96.
Cere	R. Coxall	"	Aug. 12, 1964	3	6	25	14	"	D	Clay quicksand 100; shale limestone 118. Water at 115.
" 25	G. Cowell	W.D. McLoughney	Mar. 10, 1960	5	5	46	26	"	D	Clay 20; hardpan boulders 35; grey limestone 96. Water at 50 and 96.
"	"	"	"	"	"	"	"	"	"	"
L I	H. Demmers	F.R. Cossette	Jun. 28, 1960	2	6	50	27	"	D	Boulders clay 47; grey limestone 118. Water at 118.
L I	P.W. Powell	McLean Water Supply Ltd.	Aug. 24, 1960	5	10	30	17	"	D	Till boulders 31; grey limestone 80. Water at 80.
"	"	"	"	"	"	"	"	"	"	"
L I	G. Davis	F.R. Cossette	Dec. 3, 1960	2	6	50	41	"	D	Boulders sand gravel 54; grey limestone 95; sandstone 110. Water at 110.
"	H. Dackhouse	"	Jan. 16, 1961	2	6	64	46	"	D	Boulders sand gravel 51; grey limestone 100; sandstone 113. Water at 113.
L I	K.J. Carson	Blair Phillips Drilling Co. Ltd.	Feb. 1, 1961	5	6	26	21	"	D	Clay boulders 36; grey limestone 70. Water at 70.
Flan 648 lot 73	"	"	"	"	"	"	"	"	"	"
" 648	D. Hartin	F.R. Cossette	May 22, 1961	2	3	55	39	"	D	Boulders clay gravel 36; sand 56; fine grey stone 107. Water at 107.
"	G. Grossman	McLean Water Supply	Jul. 27, 1961	7	4	100	40	"	D	Sand 60; gravel 68; limestone 108; sandstone 110. Water at 110.
L I	"	"	"	"	"	"	"	"	"	"
L I	E. Armstrong	J.B. Dufresne	Sep. 25, 1961	2	6	40	22	"	D	Gravel boulders 37; grey limestone 47. Water at 46.
L I	D. MacDonald	V. Cossette	Oct. 25, 1961	2	4	75	44	"	D	Sand Gravel boulders 52; grey limestone 97; sandstone 107. Water at 107.
"	"	"	"	"	"	"	"	"	"	"
L I	J. Dodds	M. Meagher	Nov. 29, 1961	4	5	35	30	"	D	Clay 24; limestone 81. Water at 81.
L I	B. Garand	Capital Water Supply	Jul. 10, 1962	5	10	70	60	"	D	Sandy gravel boulders 65; blue limestone 112. Water at 110.
" 648	"	"	"	"	"	"	"	"	"	"
L I	A.P. Payette	McLean Water Supply	Aug. 15, 1962	6 1/2	10	25	20	"	D	Sand clay boulders 35; limestone 41. Water at 41.
L I	"	"	"	"	"	"	"	"	"	"
L I	M. Frish	Capital Water Supply	Aug. 24, 1962	5	8	37	30	"	D	Sand boulders 35; blue limestone 75. Water at 73.
"	"	"	"	"	"	"	"	"	"	"
L I	R. Green	J.B. Dufresne Co. Ltd.	Sep. 12, 1962	2	6	25	10	"	D	Clay sand gravel 25; grey limestone 67. Water at 63.
"	"	"	"	"	"	"	"	"	"	"
L I	R.A. Davies	"	Nov. 12, 1962	2	5	55	24	"	D	Clay boulders gravel 41; grey limestone 70; sandstone 102. Water at 100.
"	"	"	"	"	"	"	"	"	"	"
L I	J. Hore	Blair Phillips Drilling Co. Ltd.	Apr. 15, 1963	5	10	10	10	"	D	Clay boulders 25; grey limestone 87. Water at 85.

CARLETON COUNTY - cont.  
Gloucester Twp. - cont.  
lot 2

L I	R.H. Switzer	Capital Water Supply	Apr. 16, 1963	5	10	23	20	Fresh	D	Clay boulders 33; blue limestone 71. Water at 70.
L I	W.S. Crooks	"	Apr. 29, 1963	5	10	30	17	"	D	Clay boulders 27; blue limestone 68. Water at 60 and 68.
L I	T.W. Johnson	J.B. Dufresne	May 15, 1963	2	3	48	35	"	D	Gravel boulders 48; grey limestone 51. Water at 51.
L I	The Frisians	Capital Water Supply	Jun. 13, 1963	5	10	25	17	"	D	Clay 25; gravel boulders 31; blue grey limestone 66. Water at 50 and 65.
L I	R. Davies	"	Jun. 27, 1963	5	10	15	10	"	D	Clay 22; clay gravel boulders 25; limestone 60. Water at 47 and 59.
L I	"	"	Jul. 18, 1963	5	10	35	32	"	D	Loam 4; hardpan boulders 34; blue limestone 85. Water at 65 and 84.
L I	M. Frisot	"	Jul. 23, 1963	5	10	27	23	"	D	Back fill 5; hardpan boulders 34; limestone 74. Water at 60 and 73.
L I	"	"	Jul. 25, 1963	5	10	35	30	"	D	Hardpan boulders 38; limestone 75. Water at 60 and 74.
L I	H. Fischer	"	Aug. 21, 1963	5	10	34	20	"	D	Sandy clay boulders 2; hardpan boulders 36; blue limestone 70. Water from 55 to 66.
L I	M. Frebbie	J.B. Dufresne & Co Ltd.	Jan. 10, 1964	6	5	48	20	"	D	Gravel boulders 34; grey limestone 50. Water at 48.
L I	The Frisians	Capital Water Supply	Jan. 13, 1964	5	10	19	18	"	D	Clay 31; gravel 35; blue limestone 75. Water at 73.
L I	R. Davies	"	Feb. 4, 1964	5	10	45	37	"	D	Boulders 25; sand gravel 45; limestone 83; sandstone 85. Water at 84.
L I	A. Quele	"	Feb. 17, 1964	5	3	60	24	"	D	Clay 25; sand boulders 33; limestone 82. Water at 81.
L I	M. Scott	J.B. Dufresne Co Ltd.	Mar. 19, 1963	2	3	10	10	"	D	Blue clay 37; grey limestone 60. Water at 60.
L I	G.W. Barris	Capital Water Supply	Jun. 22, 1964	5	10	20	15	"	D	Clay 30; sand 34; limestone 60. Water at 58.
L I	K. Findlay	M. Meagher	Apr. 6, 1964	4	3	24	20	"	D	Boulder clay 20; gravel 24; limestone 53. Water at 53.
OF Con I	lot 1	L. Gravel	Dec. 18, 1961	2	5	25	18	Sulphur	D	Blue clay 42; gravel 45. Water at 45.
OF Con I	"	J. Gauthier	Apr. 8, 1961	4	5	45	12	Fresh	D	Sand stones 5; clay stones 11; grey rock 137. Water at 30 and 124.
OF Con I	"	R. Parent	Jun. 8, 1962	6	1	70	70	"	D	Blue clay 76; grey limestone 130. Water at 128.
OF Con I	"	G. Delorme	Jul. 31, 1962	2	3	30	8	Sulphur	D	Clay 23; grey limestone 72. Water at 72.
OF Con I	"	Antoine Galipeau	Nov. 12, 1962	2	6	18	10	"	D	Clay 17; limestone 23; black shale 37. Water at 37.
OF Con I	"	R. Delorme	Dec. 17, 1962	2	8	20	10	Fresh	D	Clay 22; grey limestone 26. Water at 26.
OF Con I	"	J.F. Turgeon	May 13, 1963	6	12	40	30	Sulphur	D	Blue clay 65; coarse gravel 71. Water at 71.
OF Con I	"	G. Delorme	Sep. 3, 1963	2	8	20	4	"	D	Overburden 4; grey limestone 42. Water at 42.
OF Con I	"	"	Nov. 14, 1963	2	8	20	4	Fresh	D	Blue clay 16; grey limestone 22. Water at 22.
OF Con I	"	E. Lacroix	Jul. 29, 1964	2	6	25	15	Sulphur	D	Blue clay 28; grey limestone 38. Water at 33.
OF Con I	"	L. Waters	May 17, 1960	2	7	40	22	"	D	Clay 58; limestone 73. Water at 73.
OF Con I	"	E. Presault	May 30, 1960	3	7	20	25	Fresh	D	Clay 15; quicksand 16; limestone 21. Water at 21.
OF Con I	"	T.H. Adams	Jun. 10, 1960	4	8	35	31	Sulphur	D	Blue clay 40; limestone 181. Water at 181.
OF Con I	"	M. Cossette	May 12, 1962	2	3	32	25	Fresh	D	Clay 4; grey limestone 70. Water at 70.
OF Con I	"	C. Lafresne	Dec. 1, 1963	4	4	20	25	Sulphur	D	Clay 20; shale 48. Water at 45.
OF Con I	"	E. Bouchard	Feb. 17, 1966	6	20	20	18	Fresh	D	Loose rock clay 6; grey limestone 27. Water at 27.
OF Con I	"	R. Coque	May 7, 1960	2	7	25	18	"	D	Clay 9; limestone 96. Water at 96.
OF Con I	"	A. Joannisse	Aug. 16, 1960	2	8	20	10	"	D	Blue clay 60; grey limestone 67. Water at 67.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY - cont. Gloucester Twp. -cont.										
OF Con I lot 3	D. Bancourt	G. Charbonneau	Nov. 7, 1960	2	5	25	18	Sulphur	D	Blue clay 65; sand gravel 70; grey limestone 74. Water at 74.
OF Con I "	I. Laverdure	"	May 26, 1962	2	7	40	18	Fresh	D	Blue clay 90; sand boulders 92; grey limestone 102. Water at 102.
OF Con I "	V. Viau	"	May 26, 1962	2	7	20	Flows	"	D	Blue clay 38; fine sand 40; grey limestone 51. Water at 51.
OF Con I "	P. Page	"	Jul. 1, 1962	2	7	60	45	Sulphur	D	Blue clay 32; grey limestone 113. Water at 113.
OF Con I "	R. Groulx	"	Sep. 13, 1962	2	10	20	15	Fresh	D	Blue clay 75; limestone 79. Water at 79.
OF Con I "	E. Louiseize	"	Oct. 15, 1962	2	12	20	Flows	"	D	Clay 38; limestone 52. Water at 52.
OF Con I "	V. Viau	"	Oct. 16, 1962	2	8	25	10	"	D	Blue clay 108; grey limestone 59. Water at 59.
OF Con I "	J. G. Patry	"	Oct. 16, 1962	2	6	20	Flows	"	D	Clay 55; boulders sand 71; grey limestone 78. Water at 78.
OF Con I "	H. Tenner	"	Jul. 22, 1963	2	6	20	12	Sulphur	D	Blue clay 32; quicksand 38; grey limestone 43. Water at 43.
OF Con I "	A. Armstrong	"	Aug. 26, 1963	2	2	25	18	Fresh	D	Blue clay 20; gravel 59; grey limestone 47. Water at 47.
OF Con I "	A. H. Charron	"	Oct. 14, 1964	2	6	25	4	Salty	D	Blue clay 40; quicksand 44; limestone 62. Water at 62.
OF Con I "	P. Thibault	"	Oct. 24, 1964	2	6	20	2	"	D	Blue clay 84; grey limestone 100. Water at 100.
OF Con I "	A. P. Hotte	"	Oct. 27, 1964	2	6	20	2	Fresh	D	Blue clay 84; grey limestone 100. Water at 100.
OF Con I "	O. W. R. C.	"	Aug. 8, 1962	2	8	25	18	"	D	Blue clay 175; fine sand clay 185; hardpan 194; grey limestone 196. Water at 165.
OF Con I "	Blair Phillips Drilling Co. Ltd.	"	May 31, 1962	5					N	
OF Con I "	M. Cossette	"	Jul. 21, 1960	2	5	20	18	Fresh	D	Blue clay 161; sand boulders 170; grey limestone 175. Water at 57.
OF Con I "	V. Barber	"	Sep. 8, 1960	2	3	55	15	"	D	Blue clay 165; fine sand boulders 182; grey limestone 184.
OF Con I "	M. H. Cote	"	Aug. 22, 1961	2	9	25	18	"	D	Blue clay 170; sand 175; grey limestone 177. Water at 177.
OF Con I "	R. Nabours	G. Charbonneau	Nov. 22, 1961	2	12	60	16	"	D	Blue clay 109; fine sand 177; white sandstone 200. Water at 177.
OF Con I "	L. Barber	"	May 8, 1962	5	2	191	15	"	T	Gravel sand 184; coarse gravel 186; grey limestone 191. Water at 184 and 191.
OF Con I "	O. W. R. C.	Blair Phillips Drilling Co. Ltd.	May 18, 1962	5	7	135	15	"	T	Blue clay 159; gravel 161; sandy clay 184; gravel sand clay 191; grey limestone 193. Water at 188, 191 and 193.
OF Con I "	"	"	May 30, 1962	2	12	60	16	"	D	Previously drilled 200; white sandstone 227. Water at 227.
OF Con I "	L. Barber	"	Jun. 5, 1962	2	7	Flows	Flows	"	D	Blue clay 150; fine grey sand 160; grey limestone 164. Water at 164.
OF Con I "	M. Courville	"	May 18, 1962	5	7	135	15	"	T	Blue clay 122; sandy clay 160; sand 179; fine silt 185; coarse gravel 189; grey limestone 190. Water at 160.
OF Con I "	O. W. R. C.	Blair Phillips Drilling Co. Ltd.	Jun. 6, 1962	5				"	T	Blue clay 145; sand 160; coarse gravel fine sand 161; coarse gravel 162; grey limestone 166.
OF Con I "	"	"	Jun. 22, 1962	8		Flows	Flows	"	T	Blue clay 138; fine sand clay 162; fine gravel 165; sand clay 176. Water at 155.
OF Con I "	"	"	Jul. 4, 1962	8		"	"	"	T	Blue clay 145; sand 159; coarse gravel 160.
OF Con I "	"	"	Jun. 11, 1962	5		"	"	"	T	Blue clay 135; gravel 140; fine sand 145; coarse sand 147; medium sand 151; grey limestone 154.
OF Con I "	"	"	Jul. 26, 1962	8		Flows	Flows	"	T	Clay 176; small stones 177; clay small stones silt 180; clay gravel silt 188; gravel fine sand silt clay sand coarse
OF Con I "	"	"	Dec. 20, 1962	8		"	"	"	T	sand 218; fine silt 219; fine silt 221.
OF Con I "	"	"	Sep. 21, 1962	3	4	24	18	Fresh	D	Clay 170; quicksand boulders 185; sandstone 198. Water at 198.
OF Con I "	W. Cossette	"	Sep. 21, 1962	3	4	24	18	Fresh	D	
OF Con I "	Saumure & Laverdure	"	Sep. 21, 1962	3	4	24	18	Fresh	D	



## CARLETON COUNTY - cont.

Glacier Exp. - cont.	W. Wistoky	G. Charbonneau	Jun. 10, 1963	2	12	20	10	Fresh	D	Blue clay 155; gravel sand 160; grey limestone 165. Water at 165.
OF Con I	" 6	Grey Nuns Orleans	Jun. 14, 1963	6	70	168		"	D, S	Clay 130; sand 150; sand gravel 165; gravel 170. Water at 170.
OF Con I	" 6	A. Menard	Jul. 3, 1963	2	12	20	10	"	D	Blue clay 160; fine sand 175; grey limestone 173. Water at 173.
OF Con I	" 6	P. Headlam	Oct. 2, 1963	2	9	40	25	"	D	Blue clay 200; sand 208; limestone 218. Water at 218.
OF Con I	" 6	R. Amyot	Nov. 13, 1963	2	8	20	10	"	D	Blue clay 165; black white sand 170; grey limestone 175. Water at 175.
OF Con I	" 6	O. W. R. C.	Dec. 20, 1962	8	70	51	10	"	T	Clay 176; stones clay 177; fine sand clay stones 180; fine sand 196; medium coarse sand 216; medium coarse sand 218; fine sand stones 221; limestone 228. Water from 210 to 221 and from 227 to 228.
OF Con I	" 6	Blair Phillips Drilling Co. Ltd.	Sep. 3, 1964	4	10	85	80	"	D	Clay 150; limestone 170. Water at 170.
OF Con I	" 6	J. B. Dufresne & Co. Ltd.	Dec. 18, 1964	6	17	70		"	C	Clay 130; sand 184; gravel 166. Water at 166.
OF Con I	" 7	G. Charbonneau	Aug. 23, 1962	2	8	25	20	"	D	Blue clay 165; grey fine sand 175; grey limestone 188. Water at 188.
OF Con I	" 10	J. Ingalls	Nov. 3, 1960	5	10	176	115	"	D	Clay boulders 10; grey limestone 175; black limestone 176. Water at 176.
OF Con I	" 10	P. Kenny	Feb. 4, 1961	6	17	90	10	"	D	Blue clay 12; grey limestone 230. Water at 215.
OF Con I	" 12	G. D. Howlith Supply Ltd.	Oct. 31, 1960	5	2	130	53	"	D	Silt 17; grey limestone 170. Water at 117.
OF Con I	" 12	C. G. Benek-Huyzen	Jul. 20, 1963	4	2	130	35	"	D	Previously drilled 150; limestone 252. Water at 250.
OF Con I	" 12	National Capital Comm.	May 25, 1964	6	2	225	30	"	D	Boulders topsoil 11; limestone shale 225. Water at 220.
OF Con I	" 12	University of Ottawa	Aug. 7, 1964	6	7	200	95	"	D, S	Sand 7; limestone 275. Water at 270.
OF Con I	" 15	McLean Water Supply Ltd.	May 23, 1961	5	15	50	25	Salty	C	Hard brown clay 40; soft blue clay 90; sand 96; limestone 132. Water at 93.
*P Con I	" 15	Capital Water Supply	Apr. 4, 1962	5	10	10	8	Fresh	D	Sand 8; clay 50; gravel 60; grey black limestone 93. Water at 75 and 92.
*P Con I	" 15	"	Apr. 10, 1962	5	10	27	24	"	D	Loam 4; clay 60; sand clay 65; gravel hardpan 71; sandstone 94. Water at 75 and 92.
OF Con I	" 15	N. E. Johnston Drilling Co.	Mar. 30, 1963	5	50	35	18	Sulphur	T	Brown loam 18; blue clay 86; silty blue clay 99; boulder 100; medium sand layers blue clay 101; shale 102. Water at 101 1/2.
OF Con I	" 16	W. Ward	Aug. 5, 1960	5	8	75	51	Fresh	D	Blue clay 183; coarse sand gravel 190. Water at 182 and 190.
OF Con I	" 16	M. Desjardins	Oct. 15, 1960	15			85	"	D	Blue clay 100. Water from 20 to 100.
OF Con I	" 17	R. Laporte	Jun. 16, 1960	2	6	50	28	Sulphur	D	Blue clay 50; limestone 82. Water at 82.
OF Con I	" 17	L. Sanders	Jun. 20, 1960	2	40	28		Fresh	D	Blue clay 35; grey limestone 62. Water at 62.
OF Con I	" 17	J. Gange	Aug. 12, 1960	5	2	180	38	"	D	Blue clay 43; shaly grey limestone 190. Water at 86 and 183.
OF Con I	" 17	L. Sanders	Jan. 27, 1961	6	1	90	35	Sulphur	D	Blue clay 32; grey limestone 210. Water at 140.
OF Con I	" 17	L. Demers	Aug. 8, 1962	7	8	120	60	"	P	Clay 160; limestone 188. Water at 180.
OF Con I	" 17	P. E. Bruyere	Sep. 26, 1963	6	12	120	75	Fresh	D	Blue clay 170; fine sand 240; grey limestone 313. Water at 313.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

\*Entries should have been on page 59.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY - cont										
Gloucester Twp. - cont										
OP Con I	M. Desjardins	G. Cherbonneau	Oct. 18, 1963	6	12	80	30	Fresh	D	Blue clay 170; coarse gravel 191. Water at 191.
OP Con I	E. Kilewitt	J. B. Dufresne	Aug. 13, 1962	6	3	184	134	"	D	Clay 134; rock limestone 165. Water at 163.
OP Con I	D. M. Baird	M. Goughney	Jan. 8, 1960	5	3	25	60	"	D	Clay 50; gravel 61; limestone 104. Water at 105 and 184.
OP Con I	R. W. White	E. Phillips	Jan. 15, 1960	5	10	65	30	"	D	Clay 72; gravel 75; limestone 168. Water at 160.
OP Con I	P. Lamoureux	Drilling Co. Ltd.	Mar. 4, 1960	5	10	65	26	"	D	Clay 68; limestone 169. Water at 160.
OP Con I	G. Lusselle	"	Mar. 16, 1960	5	6	60	22	"	D	Clay 88; limestone 136. Water at 130.
OP Con I	C. Brever	McLean Water Supply Ltd.	Jul. 20, 1960	5	5	55	45	"	D	Blue clay 90; grey limestone 120. Water at 120.
OP Con I	P. Hayley	Moloughney	Aug. 1, 1960	5	6	70	50	"	D	Clay 70; salt 107; grey limestone 170. Water at 150 and 170.
OP Con I	J. P. Carey	J. B. Dufresne	Aug. 1, 1960	5	2	40	40	"	D	Clay 100; gravel sand 104; limestone 212. Water at 180.
OP Con I	T. Talbot Const.	Moloughney	Aug. 24, 1960	5	2	200	40	"	D	Blue clay 68; grey limestone 320. Water at 310.
OP Con I	C. A. Johansen	Moloughney	Sep. 10, 1960	5	5	175	125	"	D	Silt 10; grey limestone 235. Water at 125, 200 and 235.
OP Con I	N. & Sons Ltd.	McLean Water Supply Ltd.	Sep. 27, 1960	5	5	110	96	"	D	Blue clay 110; silt 128; grey limestone 250. Water at 250.
OP Con I	"	"	Oct. 6, 1960	5	5	70	50	"	D	Blue clay 72; grey limestone 155. Water at 155.
OP Con I	Recreation Centre	J. B. Dufresne & Co. Ltd.	Nov. 16, 1960	6	20	100	45	"	P	Blue clay 60; sand Gravel 78; grey limestone 100. Water at 90.
OP Con I	W. R. Wilson	McLean Water Supply Ltd.	Nov. 17, 1960	5	2 1/2	120	65	"	D	Overburden 73; rock 176. Water at 120.
OP Con I	"	"	Nov. 17, 1960	5	2 1/2	120	65	"	D	Blue clay 61; grey limestone 178. Water at 178.
OP Con I	Douglas Mac-Donald Constr.	E. Phillips Drilling Co. Ltd.	Nov. 30, 1960	5	6	65	55	"	D	Clay boulders 105; grey limestone 220. Water at 215.
OP Con I	"	Moloughney	Jan. 30, 1961	4	5	85	40	"	D	Clay 60; silt 90; sandy silt 101; grey limestone 118. Water at 118.
OP Con I	R. A. Cushman	McLean Water Supply Ltd.	May 16, 1961	5	15	15	15	"	D	Silt boulders 14; hard black limestone 125. Water at 50.
OP Con I	R. Cyr	"	May 18, 1961	6	7	80	21	"	D	Loam 4; grey limestone 125. Water from 95 to 125.
OP Con I	H. D. Ekes	"	May 19, 1961	6	4	80	45	"	D	Loam 4; grey limestone 125. Water at 125.
OP Con I	P. D. Aoust	Blair Phillips Drilling Co. Ltd.	May 24, 1961	5	10	40	40	"	D	Clay boulders 30; grey limestone 103. Water at 100.
OP Con I	Riant Homes Ltd.	Moloughney well Drilling	Jun. 15, 1961	4	6	80	45	"	D	Clay 45; clay silt 65; till 67; grey limestone 105. Water at 90 and 105.
OP Con I	E. Wiskin	McLean Water Supply	Jun. 18, 1961	7	50	95	40	"	D	Blue clay 82; limestone 100. Water at 100.
OP Con I	L. Ruddy	"	Jul. 5, 1961	7	5	80	8	"	D	Clay 36; limestone 125. Water at 125.
OP Con I	R. Campbell	"	Jul. 25, 1961	7	5	100	30	"	D	Clay 36; gravel 40; limestone 125. Water at 125.
OP Con I	C. Marshall	J. B. Dufresne & Co. Ltd.	Jul. 21, 1961	6	3	110	30	"	D	Blue clay 79; grey limestone 270. Water from 240 to 250.
OP Con I	D. McDonald	"	Aug. 28, 1961	4	6	65	55	Sulphur	D	Clay 96; limestone 155. Water at 140.
OP Con I	Constr. Co.	McLean Water Supply Ltd.	Aug. 29, 1961	7	6	90	20	Fresh	D	Clay 65; limestone 125. Water at 125.
OP Con I	Riant Constr.	"	Sep. 5, 1961	5	15	44	43	"	D	Clay 90; gravel 94; blue limestone 118. Water at 105 and 115.
OP Con I	L. Murray	Capital Water Supply	Oct. 10, 1961	4	5	60	35	"	D	Blue clay 70; silt 90; sand gravel 105; grey limestone 167. Water at 150 and 167.
OP Con I	W. N. Thomas	Moloughney	Oct. 21, 1961	7	5	125	40	"	D	Clay 47; limestone 195. Water at 195.
OP Con I	W. Johnston	McLean Water Supply Ltd.	Oct. 21, 1961	7	5	125	40	"	D	

" 19	R. Kerr	J.B.Dufresne & Co. Ltd.	Nov. 17, 1961	6	6	110	60	Fresh	D	Clay 100; boulder clay 115; grey limestone 165. Water at 150.
OF Con I	B. Garand	Capital Water Supply	Aug. 7, 1961	6	7	150	132	"	D	Sandy clay boulders 10; blue limestone 120; blue grey limestone 246. Water at 80, 140, 190 and 245.
OF Con I	Dr. E.W. Peterson	Blair Phillips Drilling Co. Ltd.	Jul. 13, 1961	7	6	105	65	"	D	Clay 102; grey limestone 231. Water at 231.
OF Con I	Dr. W.N. Roberts	McLean Water Supply Ltd.	Apr. 12, 1962	5	12	75	37	"	D	Blue clay 97; limestone 185. Water at 185.
OF Con I	Metropolitan Homes	J.B.Dufresne & Co. Ltd.	Apr. 26, 1962	3	3	80	32	"	D	Clay 80; gravel boulders 90; grey limestone 100. Water at 97.
OF Con I	C. Vachon	V. Cossette	Apr. 28, 1962	3	3	90	40	"	D	Clay 80; boulders gravel 94; grey limestone 114. Water at 111.
OF Con I	B. Garand	Capital Water Supply	Jul. 31, 1962	3	3	37	42	Sulphur	D	Clay 77; limestone 112. Water at 110.
OF Con I	G.J. Schultz	J.B.Dufresne & Co. Ltd.	Aug. 9, 1962	6	6	150	132	Fresh	D	Sandy clay 8; blue limestone 100; blue grey limestone 200; brownish limestone 270. Water at 267.
OF Con I	D. Ritt	P.E. Johnston Drilling Co. Ltd.	Sep. 22, 1962	2	6	28	12	"	D	Blue clay 15; gravel boulders 40; grey limestone 80. Water at 78.
OF Con I	Metropolitan Homes	J.B.Dufresne & Co. Ltd.	Oct. 4, 1962	5	5	100	25	"	D	Sandy loam 2; blue clay gravel boulders 59; grey shaly limestone 184. Water at 87 and 172.
OF Con I	"	"	Oct. 19, 1962	3	4	80	40	"	D	Blue clay 87; boulders gravel 97; grey limestone 120. Water at 118.
OF Con I	"	"	Oct. 27, 1962	3	6	84	40	"	D	Blue clay 82; grey limestone 84. Water at 84.
OF Con I	"	"	Oct. 29, 1962	3	5	80	40	"	D	Blue clay 90; gravel boulders 106; grey limestone 300. Water at 298.
OF Con I	"	"	Nov. 24, 1962	3	4	80	35	"	D	Blue clay 80; boulders gravel 107; grey limestone 120. Water at 118.
OF Con I	"	"	Dec. 11, 1962	3	5	80	32	"	D	Blue clay 79; grey limestone 86. Water at 84.
OF Con I	"	"	Jan. 9, 1963	3	4	87	36	"	D	Blue clay 66; gravel sand 72; grey limestone 90. Water at 88.
OF Con I	"	"	Jan. 26, 1963	3	5	35	30	Sulphur	D	Blue clay 69; grey limestone 79. Water at 77.
OF Con I	"	"	Mar. 28, 1963	2	7	60	35	Fresh	D	Clay 75; rock limestone 95. Water at 95.
OF Con I	"	"	Apr. 2, 1963	2	3	55	18	Sulphur	D	Blue clay 30; gravel boulders 70; grey limestone 88. Water at 86.
OF Con I	"	"	Apr. 2, 1963	3	4	60	35	Fresh	D	Clay 72; rock limestone 90. Water at 90.
OF Con I	"	"	Apr. 2, 1963	2	3	22	22	Sulphur	D	Blue clay 15; gravel boulders 24; grey limestone 68. Water at 68.
OF Con I	"	"	Apr. 4, 1963	3	2	60	35	"	D	Clay 85; limestone 109. Water at 108.
OF Con I	"	"	Apr. 6, 1963	3	3	60	35	Fresh	D	Clay 87; limestone 104. Water at 103.
OF Con I	"	"	Apr. 9, 1963	2	3	6	6	"	D	Clay 50; limestone 65. Water at 65.
OF Con I	"	"	Apr. 15, 1963	3	3	65	35	"	D	Clay 80; sand 87; limestone 97. Water at 85.
OF Con I	"	"	Jun. 1, 1963	3	2	60	40	"	D	Blue clay 83; grey limestone 98. Water at 83.
OF Con I	"	"	Jun. 4, 1963	3	3	60	30	"	D	Blue clay 90; grey limestone 98. Water at 98.
OF Con I	"	"	Jun. 6, 1963	3	5	60	34	Sulphur	D	Blue clay 80; grey limestone 82. Water at 82.
OF Con I	"	"	Jun. 7, 1963	3	3	60	30	Fresh	D	Blue clay 75; sand boulders 82. Water at 82.
OF Con I	"	"	Jun. 10, 1963	3	5	60	35	Fresh	D	Blue clay 83; grey limestone 87. Water at 87.
OF Con I	"	"	Jun. 17, 1963	3	2	60	25	Fresh	D	Blue clay 60; grey limestone 104. Water at 100.
OF Con I	"	"	Jun. 20, 1963	2	5	20	10	"	D	Blue clay 17; gravel boulders 57; grey limestone 67. Water at 65.
OF Con I	"	"	Jun. 22, 1963	3	3	60	35	Sulphur	D	Blue clay 80; grey limestone 87. Water at 85.
OF Con I	P. Dethloff	Capital Water Supply	Jun. 27, 1963	5	15	70	60	Fresh	D	Clay 85; gravel 100; limestone 147. Water at 146.
OF Con I	"	J.B.Dufresne & Co. Ltd.	Jul. 27, 1963	3	3	100	90	"	D	Clay 87; limestone 220. Water at 215.

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# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
CARLETON COUNTY - cont.										
Gloucester Twp. - cont.										
OF Con I	J. Waller	W. Cossette	Aug. 22, 1963	3	5½	50	35	Fresh	D	Sand boulders 49; limestone 122. Water at 122.
OF Con I	Metropolitan Homes	J.B.Dufresne & Co. Ltd.	Oct. 7, 1963	3	3	75	36	"	D	Clay 8; boulders 95; limestone 105. Water at 100.
OF Con I	"	"	Oct. 9, 1963	3	2½	75	35	"	D	Clay 80; boulders gravel 90; limestone 165. Water at 160.
OF Con I	"	"	Oct. 17, 1963	3	3	55	35	"	D	Clay 80; sand 85; boulders sand 90; limestone 102. Water at 100.
OF Con I	"	"	Nov. 6, 1963	3	5	20	12	"	D	7; gravel boulders 47; limestone 60. Water at 57.
OF Con I	"	"	Nov. 16, 1963	3	3	70	28	"	D	Clay 80; snaly rock 88; limestone 100. Water at 98.
OF Con I	J. Bette	"	Jan. 8, 1964	3	3	105	45	"	D	Grey limestone 105. Water at 102.
OF Con I	G.H.Schut	"	Jan. 17, 1964	6	4	150	30	"	D	Clay 110; gravel boulders sand 128; limestone 150. Water at 148.
OF Con I	Metropolitan Homes	"	Feb. 26, 1964	3	2½	50	28	"	D	Blue clay 60; gravel boulders 70; limestone 110. Water at 105.
OF Con I	A.B.Hockin	"	Jul. 14, 1964	6	1	200	125	"	D	Blue clay 50; boulders till 68; limestone shale 300. Water at 230.
OF Con I	R.E.Gagne	"	Jul. 15, 1964	6	10	55	50	"	D	Boulders 7; till 16; limestone 100. Water at 80 and 95.
OF Con I	W.J.Marsh	"	Jul. 16, 1964	6	4	80	50	"	D	Boulders 10; till 9; limestone 165. Water at 100 and 155.
OF Con I	W.N.Marshall	"	Dec. 22, 1964	6	3	165	25	"	D	Boulder horizon 38; limestone 165. Water at 160.
OF Con I	M.Garand	Capital Water Supply	Dec. 31, 1964	6	10	58	45	"	D	Clay 60; gravel boulder 71; limestone 170. Water at 168.
OF Con I	M.Hamilton	W.Cossette	Jul. 9, 1960	3	6	45	40	Fresh	D	Blue clay 88; sand boulders 22; grey limestone 104. Water at 104.
OF Con I	P. Horn	B.Phillips Drilling Co. Ltd.	Aug. 5, 1960	4	5	78	20	Sulphur	D	Grey clay 78; limestone shale. Water at 78.
OF Con I	J.Vermette	J.B.Dufresne	Jul. 23, 1960	3	3	70	35	Fresh	D	Blue clay 100; sandy clay 115; gravel 115½. Water at 115.
OF Con I	Riant Homes	"	Aug. 10, 1960	3	10	100	35	"	D	Clay 15; limestone 100. Water at 98.
OF Con I	D.Macdonald	V.Cossette	Aug. 15, 1960	2	3	80	34	"	D	Gravel sand 5; grey limestone 237. Water at 232.
OF Con I	Constr.	"	"	"	"	"	"	"	"	"
OF Con I	Riant Holmes	J.B.Dufresne	Aug. 19, 1960	2	2½	55	11	"	D	Clay 12; grey limestone 312. Water at 280.
OF Con I	E. Wislin	McLean Water Supply Ltd.	Aug. 25, 1960	5	2½	80	28	"	D	Till 26; grey limestone 182. Water at 154.
OF Con I	C.P.Patterson	"	Aug. 30, 1960	5	3½	210	70	"	D	Grey limestone 210. Water at 210.
OF Con I	K. Davidson	Moloughney	Sep. 12, 1960	5	5	175	125	"	D	Salt 7; grey limestone 325. Water at 125, 200 and 325.
OF Con I	R. Maynard	McLean Water Supply Ltd.	Sep. 14, 1960	5	1	220	70	"	D	Grey limestone 250. Water at 250.
OF Con I	H.P.Fortier	G.Charbonneau	Sep. 19, 1960	2	6	60	30	"	D	Blue clay 90; gravel 96. Water at 96.
OF Con I	C.G. Leclerc	B.Phillips Drilling Co. Ltd.	Sep. 28, 1960	3	30	100	100	"	D	Broken limestone 44; grey limestone 207. Water at 105.
OF Con I	K.L.Nesbitt	J.B.Dufresne	Oct. 12, 1960	6	3	115	62	"	D	Clay 4; grey limestone 115. Water at 110.
OF Con I	R.Villeneuve	McLean Water Supply Ltd.	May 23, 1961	7	4	200	40	"	D	Grey clay 6; limestone 250. Water at 250.
OF Con I	Riant Homes Ltd.	Moloughney	May 26, 1961	6	5	70	20	"	D	Salt 12; grey limestone 180. Water at 150 and 180.
OF Con I	J.Defries	McLean Water Supply Ltd.	Jun. 2, 1961	7	5	160	80	"	D	Grey silt 30; grey limestone 206. Water at 206.
OF Con I	Riant Homes	Moloughney	Jun. 15, 1961	6	5	70	20	"	D	Salt 11; grey limestone 175. Water at 150 and 175.
OF Con I	Individual Homes Constrcd.	V.B.Dufresne Co. Ltd.	Jun. 27, 1961	6	2½	110	48	"	D	Blue clay 18; grey limestone 180. Water at 175.



OF Con I	101 20	Individual	J.B.Dufresne	Jun. 28, 1961	6	2	110	17	Fresh	D	Blue clay 42; black shale 180. Water at 176.
OF Con I	"	Homes Constr.	"	Jul. 1, 1961	6	3	80	40	"	D	Blue clay 15; grey limestone 90. Water at 75.
OF Con I	"	K.L.Nesbitt	McLean Water Supply Ltd.	Jul. 24, 1961	6	3	80	10	"	D	Loam 4; limestone 100. Water at 100.
OF Con I	"	T.W.Y.Constr.	J.B.Dufresne	Jul. 27, 1961	6	4	80	45	"	D	Blue clay 12; grey limestone 95. Water from 30 to 90.
OF Con I	"	J. Dirks	"	Aug. 16, 1961	6	4	120	80	"	D	Fill 5; grey limestone 140. Water from 120 to 130.
OF Con I	"	"	"	Sep. 5, 1961	6	2	150	50	"	D	Fill 5; grey limestone 170. Water at 160.
OF Con I	"	"	"	Sep. 25, 1961	6	8	125	75	"	D	Rock grey limestone 140. Water at 120 and 132.
OF Con I	"	"	"	Sep. 26, 1961	6	5	140	60	"	D	Bolder sandy soil 15; grey limestone 160. Water at 130 and 152.
OF Con I	"	"	"	Sep. 28, 1961	6	3	110	50	"	D	Sand boulders 22; grey limestone 140. Water at 132.
OF Con I	"	F. Creed	"	Sep. 30, 1961	6	6	110	45	"	D	Blue clay 6; grey limestone 150. Water at 141.
OF Con I	"	B. Garand	McLean Water Supply Ltd.	Oct. 31, 1961	6	6	160	140	"	D	Clay 15; limestone 300. Water at 300.
OF Con I	"	J. Dirks	J.B.Dufresne & Co. Ltd.	Jun. 26, 1962	6	8	70	35	"	D	Silt boulders 48; limestone 103. Water at 103.
OF Con I	"	E. Talback	"	Jul. 24, 1962	6	4	100	57	"	D	Blue clay boulders 28; grey rock limestone 103. Water at 98.
OF Con I	"	J. Dirks Constr.	McLean Water Supply Ltd.	Jul. 27, 1962	7	6	60	30	"	D	Silt boulders 60; limestone 120. Water at 120.
OF Con I	"	"	J.B.Dufresne	Aug. 23, 1962	6	50	42	42	"	D	Clay 50; boulder sand 81; rock limestone 100. Water at 90 and 95.
OF Con I	"	G. Hanes	Moloughney Well Drilling	Nov. 29, 1962	6	4	100	45	"	D	Silt boulders 30; silt 38; grey limestone 140. Water at 100 and 140.
OF Con I	"	Twp. Gloucester	McLean Water Supply	May 16, 1963	6	20	270	12	"	P	Loam 4; limestone 305. Water at 80, 195 and 225.
OF Con I	"	"	"	May 17, 1963	6	25	270	30	"	P	Loam 4; limestone 310. Water at 35 and 230.
OF Con I	"	B. Garand	Capital Water Supply	Apr. 15, 1964	6	10	122	115	"	D	Fill 5; limestone 297. Water at 150 and 293.
OF Con I	"	St. George Motel	Blair Phillips Drilling Co. Ltd.	Jun. 2, 1964	7	30	35	35	"	P	Clay boulders 35; broken limestone 135. Water at 135.
OF Con I	"	C. Hurd	J.B.Dufresne & Co.	Oct. 20, 1964	6	1	90	20	"	D	Limestone 115. Water at 100.
OF Con I	"	A.R.B. Lawrence	Moloughney Water Wells	Nov. 15, 1964	6	8	400	220	"	D	Silt 1; broken limestone 15; grey limestone 465. Water at 335, 450, 460 and 465.
OF Con I	"	Wynne-Jones & Ass. Ltd.	Blair Phillips Drilling Co. Ltd.	Jun. 13, 1963	5	30	55	50	"	In	Blue clay 140; shale 142; broken limestone 152. Water at 152.
OF Con I	"	Pierre Cote	G. Charbonneau	Nov. 2, 1962	5	12	50	4	"	D	Fill 3; black muck 12; slate 72. Water at 72.
OF Con I	"	Laurentian Concrete Forms Ltd.	Capital Water Supply	Oct. 13, 1964	6	5	28	10	"	C	Sand 16; black shale 59. Water at 57.
OF Con I	"	H. Couturier	G. Charbonneau	Oct. 15, 1962	5	12	30	12	"	D	Loose shale 8; solid brown slate 92. Water at 92.
OF Con I	"	Capital Coach Lines	J.B.Dufresne & Co. Ltd.	Jun. 4, 1963	6	2	260	30	"	C	Clay boulders 15; black shale 165; grey limestone 260. Water at 265.
OF Con II	"	C. Dubois	Y. Giroux	Jun. 9, 1962	4	8	25	18	"	D	Clay gravel 1; grey stone 61. Water at 80.
OF Con II	"	R. Benac	B. Sparks	Jun. 8, 1960	4	3	40	16	"	D	Clay 2; limestone 75. Water at 74.
OF Con II	"	R. Rochon	G. Charbonneau	Jun. 18, 1960	15	4	3	3	"	D	Red clay 5; blue clay 30. Water at 3.
OF Con II	"	P. Scardina	"	Jun. 20, 1960	15	3	3	3	"	D	Red clay 5; blue clay 30. Water at 3.
OF Con II	"	A. Renaud	"	Jun. 26, 1960	15	3	3	3	"	D	Red clay 5; blue clay 30. Water at 3.
OF Con II	"	R. Thomas	"	Aug. 10, 1960	2	8	20	10	"	D	Blue clay 40; gravel 44. Water at 44.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLTON COUNTY - cont.										
Gloucester Twp. - cont.										
lot 2	E. Pharrand	G. Charbonneau	Oct. 7, 1960	2	7	60	28	Salty	D	Blue clay 212; grey limestone 226. Water at 226.
CF Con II	W. McLaughlin	"	Jul. 2, 1961	2	8	20	10	Fresh	D	Blue clay 48; sand 49; grey limestone 50. Water at 52.
CF Con II	R. Savage	"	Sep. 19, 1961	2	7	20	33	"	D	Blue clay 14; limestone 33. Water at 33.
OF Con II	J. Poullet	"	May 9, 1962	4	18	80	68	Sulphur	D	Blue clay 123; boulders fine sand 137; grey limestone 140. Water at 140.
OF Con II	E. Ferley	"	May 17, 1962	2	12	60	38	Fresh	D	Blue clay 14; gravel 154. Water at 154.
OF Con II	S. Richard	"	Jun. 6, 1962	2	8	40	21	"	D	Blue clay 90; fine gravel 96; grey limestone 110. Water at 110.
OF Con II	O. K. R. C.	Blair Phillips Drilling Co. Ltd.	Aug. 24, 1962	8					T	Blue clay 146; hardpan 148; gravel 160; grey limestone 187. Water at 148.
CF Con II	G. Marquis	G. Charbonneau	Sep. 19, 1962	2	8	70	50	Sulphur	9-62	Blue clay 108; grey limestone 122. Water at 122.
CF Con II	F. Hayes	"	Jun. 14, 1963	2	6	30	24	Fresh	D	Blue clay 110; sand 116; grey limestone 127. Water at 127.
OF Con II	E. Benac	"	May 5, 1964	4	6	72	15	"	D	Boulders blue clay 20; grey limestone 86. Water at 86.
OF Con II	E. Lacroix	"	Oct. 28, 1964	2	6	25	11	"	D	Blue clay 46; grey sand 52; grey limestone 62. Water at 62.
OF Con II	F. J. Bender	"	Dec. 17, 1964	2	10	50	33	Sulphur	D	Blue clay 120; gravel 125; grey limestone 138. Water at 138.
OF Con II	E. Phillip	"	Jan. 19, 1961	2	10	60	33	"	D	Blue clay 96; sand boulders 103; grey limestone 119. Water at 119.
CF Con II	H. Leech	W. Cossette	Jan. 24, 1960	2	5	46	45	Fresh	D	Blue clay 167; sand boulders 180; soft blue limestone 183. Water at 183.
OF Con II	"	"	Jan. 29, 1960	2	5	54	53	"	D	Blue clay 162; sand boulders 179; soft blue limestone 182. Water at 182.
OF Con II	R. Beaudin	"	May 3, 1960	2	7	45	31	"	"	Clay 172; sand 176; limestone 179. Water at 179.
OF Con II	T. Courchesne	Koloughney	Jun. 30, 1960	6	35	125	4	"	P	Silt 18; grey limestone 142. Water at 70 and 142.
OF Con II	M. Saumure	W. Cossette	Aug. 22, 1960	2	5	55	45	Salty	D	Blue clay 17; sand boulders 180; limestone 182. Water at 182.
OF Con II	E. Parent	"	Aug. 30, 1960	2	2	35	70	Fresh	P	Clay 10; hardpan 14; grey limestone 135. Water at 135.
OF Con II	T. Courchesne	Koloughney	Oct. 14, 1960	10	50	180	12	"	P	Silt 22; fractured limestone 36; grey limestone 220. Water at 80, 120, 200 and 220.
OF Con II	"	"	Nov. 15, 1960	5	5	40	20	"	D	Clay 36; grey limestone 90. Water at 60 and 90.
OF Con II	R. Constr. Co.	G. Charbonneau	Jan. 5, 1960	2	6	15	11	"	N	Clay 235; boulders gravel 300. Dry hole.
OF Con II	J. Gauthier	Y. Giroux	Jan. 26, 1960	4	6	20	6	"	D	Limestone 71. Water at 6.
OF Con II	A. Gauthier	"	Feb. 5, 1960	4	5	20	6	"	D	Limestone 65. Water at 52.
OF Con II	Roy Builder & Subdivider	G. Charbonneau	Oct. 7, 1960	2	4	100	10	"	D	Clay 7; grey limestone 142. Water at 142.
OF Con II	C. Gauthier	W. Cossette	Nov. 11, 1960	2	4	20	8	"	D	Sand 1; grey limestone 37. Water at 37.
OF Con II	M. Beauchamp	Y. Giroux	May 2, 1962	4	5	10	6	"	D	Clay stone 3; limestone 53. Water at 20.
OF Con II	L. Brisebois	G. Charbonneau	Jul. 16, 1962	2	8	20	37	"	D	Clay limestone 37. Water at 37.
OF Con II	B. Rousseau	M. Cossette	Oct. 20, 1962	3	5	90	56	Salty	D	Clay 200; sand boulders 229; limestone 233. Water at 233.
OF Con II	M. Proulx	G. Charbonneau	Jun. 13, 1963	6	18	70	50	Fresh	D	Blue clay 220; sand boulders 235; grey limestone 270. Water at 270.
OF Con II	P. Dufault	"	Jun. 19, 1963	6	18	80	50	"	D	Blue clay 225; boulders sand 230; grey limestone 247. Water at 247.
OF Con II	R. Taillefer	Koloughney	Sep. 3, 1963	6	5	30	15	"	"	Silt 7; limestone 45. Water from 40 to 45.
OF Con II	A. Duford	"	Jun. 3, 1960	6	42	140	5	"	P	Clay 7; grey limestone 164. Water at 90, 150 and 164.
OF Con II	A. Gauthier	W. Cossette	Mar. 5, 1961	2	8	200	4	"	D	Brown clay 2; sand 4; grey limestone 47. Water at 47.
OF Con II	D. M. Garland	J. B. Dufresne & Co. Ltd.	Mar. 5, 1961	6	7	200	45	"	D	Blue clay 210; fine black sand 235; gravel 236; bedrock. Water at 235.
OF Con II	P. P. Gosse	"	Apr. 8, 1961	6	2	230	10	"	P	Blue clay 12; sandy limestone 240. Water at 120, 170 and 230.

CARLETON COUNTY - cont.  
Gloucester Twp. - cont.

OF Con II	"	6	E. Richer	G.Charbonneau	May 8, 1961	2	12	18	5	Fresh	D	Blue clay 16; gravel 18. Water at 18.
OF Con II	"	6	D. Laverne	"	Sep. 8, 1962	2	12	20	5	"	D	Limestone 37. Water at 37.
OF Con II	"	6	E. Gauthier	"	Nov. 3, 1962	2	12	20	6	"	D	Loam; grey limestone 27. Water at 27.
OF Con II	"	7	R. Bergeson	J.B.Dufresne & Co. Ltd.	Feb. 22, 1960	6	1	200	10	"	D	Blue clay 18; limestone 200. Water at 190.
OF Con II	"	7	H. Sadler	"	Jun. 24, 1964	3	6	65	45	"	D	Sand & clay silt 200; grey limestone 211. Water at 208.
OF Con II	"	11	K. Merritt	Mouloughney	Jul. 12, 1964	6	6	150	70	"	D	Clay 160; sandy loam 208; sandy gravel 210. Water at 210.
OF Con II	"	17	G. Lauzon	G.Charbonneau	Oct. 21, 1963	3	2	20	22	"	D	Blue clay 55; sand 102; grey limestone 118. Water at 118.
OF Con II	"	14	K. Flechaker	P.R. Cossette	Oct. 29, 1964	3	6	60	21	Sulphur	D	Dug well 20; clay 15; sand hardpan 116; shale 131. Water at 131.
OF Con II	"	15	H. Reich	M. Cossette	Oct. 23, 1962	3	3	30	15	"	D	Clay 125; gravel 128; black shale 141. Water at 141.
OF Con II	"	15	T. Frauvette	"	May 20, 1983	2				"	D	Blue clay 115; black shale 277. Dry hole.
OF Con II	"	16	"	"	May 11, 1983	3				"	D	Blue clay 119; black shale 152. Dry hole.
OF Con II	"	20	Ottawa Golf & Country Club	McLean Water Supply Ltd.	Apr. 5, 1961	6	15	14	8	Fresh	P	Silt 38; black shale 52. Water at 52.
OF Con II	"	20	Queensway Shopping Centre	J.B.Dufresne & Co. Ltd.	Feb. 23, 1962	6				"	D	Till 10; limestone 220. Dry hole.
OF Con II	"	20	Beaver Constr. Co.	"	Feb. 26, 1962	6	10	180	65	Fresh	P	Till 10; limestone 250. Water at 195 and 205.
OF Con II	"	21	M. Otorowski	"	Nov. 19, 1963	6				"	D	Sand 15; hardpan 25; grey limestone 83. Dry hole.
OF Con II	"	21	M. Grosz	Y. Giroux	Oct. 10, 1960	4	5	25	15	Sulphur	D	Gravel clay 30; dark shale 95. Water at 40 and 90.
OF Con II	"	21	H.E. Scharf	F.E. Johnston Drilling	Dec. 10, 1960	4	1	80	13	"	D	Gravel clay 38; dark shale 180. Water at 47.
OF Con II	"	21	"	"	Jul. 17, 1984	5				"	D	Blue clay stones 18; black shale 160; brown shale 180; grey shale 222. Dry hole.
OF Con II	"	21	"	"	Jul. 26, 1984	5				"	D	Blue clay stones 17; black shale 105. Dry hole.
OF Con II	"	22	P. Chenier	B.E. Sparks	Jan. 4, 1960	5	5	115	8	Fresh	D	Previously drilled 253; brown limestone 380; grey limestone 395; black shale 398. Water at 395.
OF Con II	"	23	G. Cyr	J.B.Dufresne & Co. Ltd.	Jun. 8, 1960	6	7	80	10	"	D	Clay 16; limestone 110. Water at 100.
OF Con II	"	23	"	"	Aug. 29, 1960	6				"	D	Blue clay 8; black shale 20; grey limestone 85. Water at 70.
OF Con II	"	23	P.X. Pichette	"	Nov. 10, 1960	6	7	85	15	"	D	Clay sand 15; grey limestone 50. Water at 40.
OF Con II	"	23	M. Landault	"	Dec. 30, 1960	6	1	50	10	"	D	Blue clay 12; black shale 70; grey limestone 160. Dry hole.
OF Con II	"	23	R. Dickie	"	Feb. 11, 1961	6	10	12	10	Sulphur	D	Fill 5; clay 14; black rock shale 40. Water at 25.
OF Con II	"	23	Shenkan Properties Ltd.	"	Aug. 21, 1961	2	3	25	8	"	C	Clay 5; shale 107. Water at 105.
OF Con II	"	23	P. Lafarge	"	Mar. 7, 1962	6	1	85	10	"	D	Sand 10; black shale 195. Water at 190.
OF Con II	"	23	Hurdman Bros. Ltd.	McLean Water Supply	Dec. 29, 1962	6	1	80	8	Sulphur	D	Till 12; shale 240. Water from 12 to 240.
OF Con II	"	23	Shenkan Properties Ltd.	J.B.Dufresne & Co. Ltd.	Jul. 16, 1963	2	2	55	17	"	In	Gravel boulders 10; limestone 20; shaly limestone 92. Water at 90.
OF Con II	"	24	E. Parisien	V. Cossette	Oct. 21, 1960	2	4	28	8	"	D	Old dug well 8; soft black limestone 77. Water at 75.
OF Con II	"	24	K. Craig	J.B.Dufresne & Co. Ltd.	Sep. 11, 1961	6	7	150	75	"	D	Coarse sand 12; shaly limestone 160. Water at 155.
OF Con II	"	25	Linde Co. Queensway Realty	V. Cossette	Jun. 7, 1960	6	3	120	16	"	P	Clay 15; limestone 120. Water from 70 to 110.
OF Con II	"	25	F. Cleroux	J.B.Dufresne & Co. Ltd.	Jul. 26, 1960	6	12	20	6	Sulphur	P	Sand gravel boulders 25. Water at 24.
OF Con II	"	25	P. Lafond	V. Cossette	Sep. 26, 1960	6	17	40	15	Fresh	D	Blue clay 18; shale 40. Water at 38.
OF Con II	"	25	"	"	Nov. 26, 1960	2	2	45	17	"	D	Hardpan boulders 15; soft black limestone 152. Water at 149.
OF Con II	"	25	A. Gauthier	Y. Giroux	Apr. 24, 1961	4	5	45	10	"	D	Gravel sand 22; dark shale 115. Water at 100.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY - cont.										
Gloucester Twp. - cont.										
OF Con II	F. Labreche	Y. Giroux	Jul. 27, 1961	4	5	35	12	Fresh	D	Clay gravel 24; dark shale 116. Water at 40 and 100.
OF Con II	E. Lee	J.B. Dufresne & Co. Ltd.	Feb. 20, 1962	6	5	60	15	"	D	Clay 10; shale 74. Water at 70.
OF Con II	" 25	Y. Poulin	Aug. 22, 1960	4	1	65	10	"	D	Brown soil 5; dark shale 80. Water at 46.
OF Con II	" 26	T. Keenan	Oct. 8, 1960	4	4	75	7	"	D	Gravelly clay 26; grey shale 151. Dry hole.
OF Con II	" 26	R. Marchand	Oct. 14, 1960	4	4	35	12	"	D	Gravelly clay 26; grey shale 75. Water at 75.
OF Con II	" 27	C. Menier	May 30, 1962	4	3	40	10	"	D	Gravel clay 20; dark shale 63. Water at 35.
OF Con II	" 27	J.B. Dufresne & Co. Ltd.	May 10, 1960	6	3	40	10	"	D	Clay 18; limestone 40. Water at 38.
OF Con II	" 27	A. Lavigne	Jul. 9, 1960	4	8	24	12	"	D	Previously dug 50; grey shale 150. Water at 150.
OF Con II	" 27	J.B. Dufresne & Co. Ltd.	Jul. 30, 1963	6	4	50	10	"	C	Fill 8; hardpan 15; shale 50. Water at 30 and 45.
OF Con III	Hobillard Co.	"	Aug. 28, 1961	6	10	28	12	"	D	Grey limestone 40. Water at 27 and 38.
OF Con III	J.L. Major	G. Charbonneau	May 10, 1962	2	9	20	4	"	D	Topsoil 1; grey limestone 32. Water at 32.
OF Con III	L. Lemay	"	Aug. 3, 1963	6	18	40	18	"	D	Broken rock 3; limestone 50. Water at 50.
OF Con III	R. Gauthier	"	Nov. 11, 1963	2	6	20	48	"	C	Loam 2; grey limestone 42. Water at 42.
OF Con III	Gervard & Co.	"	Nov. 19, 1960	4	8	33	30	"	D	Sand 8; blue clay 101; black shale 115. Water at 115.
OF Con III	O. Gerard	T.H. Adams	Nov. 10, 1961	2	12	45	30	"	D	Blue clay 100; brown shale 114. Water at 114.
OF Con III	G. Beaudin	G. Charbonneau	Jun. 15, 1962	2	3	30	5	"	D	Soil 1; limestone 40. Water at 40.
OF Con III	L. Sabourin	M. Cossette	Jul. 15, 1962	2	9	20	4	"	D	Grey limestone 33. Water at 33.
OF Con III	A. Bergeron	G. Charbonneau	Aug. 16, 1962	2	12	60	21	"	D	Sandy soil 5; blue clay 92; grey limestone 110. Water at 110.
OF Con III	A. Brisson	"	Oct. 28, 1964	2	6	20	2	"	D	Clay 5; grey limestone 52. Water at 52.
OF Con III	D. Huppe	"	Nov. 9, 1960	3	5	40	9	"	D	Blue clay 52; gravel sand boulder 95; black shale 125. Water at 120.
OF Con III	M. Brazeau	J.B. Dufresne & Co. Ltd.	Jan. 7, 1961	2	7	40	21	"	D	Clay 100; brown slate 116. Water at 116.
OF Con III	Evangelist Roy	G. Charbonneau	Mar. 3, 1961	2	15	3	2 1/2	"	D	Blue clay 36; grey limestone 70. Water at 70.
OF Con III	A. Cleroux	W. Cossette	Aug. 16, 1961	2	7	20	4	"	D	Grey limestone 58. Water at 58.
OF Con III	P.B. Chepler	G. Charbonneau	Sep. 19, 1961	2	15	28	6	"	D	Clay 10; sand boulders 13; limestone 44. Water at 40.
OF Con III	E. Gibeault	V. Cossette	Nov. 10, 1961	2	12	20	2	"	D	Blue clay 36; grey limestone 54. Water at 54.
OF Con III	D. York	G. Charbonneau	Dec. 22, 1961	2	12	20	2	"	D	Blue clay 18; grey limestone 32. Water at 32.
OF Con III	J.V. Brazeau	"	Aug. 18, 1962	2	8	40	15	"	D	Blue clay 90; brown slate 97. Water at 97.
OF Con III	D. York	"	Aug. 20, 1962	2	7	60	20	"	D	Sand 4; blue clay 89; grey limestone 93. Water at 93.
OF Con III	R. Gagne	"	Nov. 16, 1962	2	10	30	20	"	D	Sand 12; blue clay 90; loose shale 95; brown slate 107. Water 107.
OF Con III	D. York	"	Dec. 27, 1962	2	12	20	Flows	"	D	Clay 4; blue clay 90; loose shale 95; brown slate 107. Water at 107.
OF Con III	"	"	Dec. 12, 1962	2	12	20	Flows	"	D	Clay 46; grey limestone 66. Water at 66.
OF Con III	"	"	Dec. 12, 1962	2	12	20	"	"	D	Clay 46; grey limestone 66. Water at 66.
OF Con III	"	"	Jul. 12, 1963	2	12	20	"	"	D	Blue clay 43; grey limestone 67. Water at 67.
OF Con III	"	"	Jul. 13, 1963	2	8	20	24	"	D	Blue clay 65; coarse sand 68; grey limestone 80. Water at 80.
OF Con III	"	"	Sep. 5, 1963	2	7	50	30	"	D	Blue clay 65; coarse sand 70; grey limestone 73. Water at 73.
OF Con III	"	"	Dec. 15, 1963	2	8	40	21	"	D	Clay 73; gravel 80; grey limestone 104. Water at 104.
OF Con III	M. Bourgeois	"	Apr. 28, 1964	2	8	50	28	"	D	Blue clay 70; coarse gravel 75. Water at 75.
OF Con III	W. Laverigne	"	May 1, 1964	2	8	50	28	"	D	Sand 10; blue clay 75; grey limestone 98. Water at 98.
OF Con III	D. York	"	Jun. 19, 1964	2	8	50	28	"	D	Sand 8; blue clay 77; grey limestone 97. Water at 97.
OF Con III	"	C. Dufresne	Sep. 2, 1964	2	6	25	4	"	D	Blue clay 53; coarse gravel 61. Water at 61.
OF Con III	"	"	Sep. 2, 1964	2	6	25	4	"	D	Clay sand 58; shale 62. Water at 58.
OF Con III	"	"	Aug. 1, 1960	4	7	50	30	"	D	Sand clay 80; shale 100. Water at 89 and 90.
OF Con III	G. Bradley	Y. Giroux	Aug. 1, 1960	4	7	50	30	Sulphur	D	Blue clay 103; dark shale 142. Water at 128.



CARLETON COUNTY - cont.  
Gloucester Twp. cont.

OF Con III	lot	6	P.-E.Chenier Constr.	G.Charbonneau	Jun.15,1961	2	10	20	3	D	Boulders gravel 5;grey limestone 41. Water at 41.
OF Con III	"	6	"	"	Jun.16,1961	2	10	20	3	"	Boulders gravel 5;grey limestone 45. Water at 45.
OF Con III	"	6	"	"	Jun.17,1961	2	10	20	3	"	Boulders gravel 5;grey limestone 50. Water at 50.
OF Con III	"	6	"	"	Jun.20,1961	2	15	30	20	"	Blue clay 28;fine gravel 18;grey limestone 75. Water at 75.
OF Con III	"	6	"	"	Jun.21,1961	2	10	20	1	"	Blue clay 16;coarse sand 18;grey limestone 45. Water at 45.
OF Con III	"	6	"	"	Jun.23,1961	2	10	20	1	"	Blue clay 15;grey limestone 52. Water at 52.
OF Con III	"	6	"	"	Jun.24,1961	2	10	20	2	"	Blue clay 15;grey limestone 50. Water at 50.
OF Con III	"	6	"	"	Jun.26,1961	2	18	20	Flows	"	Blue clay 28;grey limestone 52. Water at 52.
OF Con III	"	6	"	"	Jun.27,1961	2	10	20	Flows	"	Blue clay 32;grey limestone 50. Water at 50.
OF Con III	"	6	"	"	Jun.28,1961	2	10	20	1	"	Blue clay 35;grey limestone 54. Water at 54.
OF Con III	"	7	"	"	Jul.1,1962	2	10	20	20	"	Loam 2;blue clay 63;gravel 68. Water at 68.
OF Con III	"	7	S. Cleroux	"	Nov.30,1961	4	20	45	20	"	Sand 10;clay 95;gravel 103;dark shale 122. Water at 120.
OF Con III	"	7	B. Renaud	"	Sep.20,1962	2	6	50	45	Sulphur	Blue clay 80;sand 98;limestone 138. Water at 138.
OF Con III	"	12	J.Renaud	G.Charbonneau	Sep.24,1962	2	7	20	3	Fresh	Blue clay 60;clay gravel 120;black shale 220. Water from 100 to 120.
OF Con III	"	13	R.C.School No.19	J.B.Dufresne & Co.	Feb.13,1961	6	1 1/2	80	15	Salty	Shale 145. Water at 92, 117 and 138.
OF Con III	"	15	National Car- ital Comm.	F.E.Johnston Drilling Co. Ltd.	Nov.21,1960	5	10	65	17	Sulphur	Brown sandy clay 8;blue clay 92;coarse gravel 93;black shale 145. Water at 92, 117 and 138.
OF Con III	"	16	"	"	Nov.30,1961	30				"	Blue clay 65. Dry hole.
OF Con III	"	21	"	"	Jan.26,1962	5				"	Brown sandy loam 8;fine brown sand 28;brown blackish shale 172;grey shale limestone 200. Water at 175.
OF Con III	"	24	Ritchie Feed & Seed Co.Ltd.	Moloughney Well Drilling	Aug.17,1963	4	4	125	10	Fresh	Brown shale 160. Water at 125 to 160.
OF Con IV	"	1	B. Vieux	G.Charbonneau	Aug. 5,1960	2	6	20	16	"	Blue clay 90;gravel 95. Water at 95.
OF Con IV	"	1	C. Matville	"	Aug. 8,1960	2	6	20	16	"	Blue clay 75;gravel 90. Water at 80.
OF Con IV	"	1	Z. Laplante	J.B.Dufresne & Co. Ltd.	Mar. 2,1961	3	6	20	2	"	Blue clay 80;gravel sand 110;gravel 126. Water at 125.
OF Con IV	"	1	H. Lacroix	G. Charbonneau	May 10,1961	2	8	25	15	"	Sand 10;blue clay 80;brown shale 87;grey limestone 89. Water at 89.
OF Con IV	"	1	"	"	May 11,1961	2	8	25	15	"	Sand 10;blue clay 78;brown shale 85;grey limestone 87. Water at 87.
OF Con IV	"	1	R. Vieux	"	May 18,1961	2	8	25	15	"	Sand 6;blue clay 85;shale 91. Water at 91.
OF Con IV	"	1	R. Sabourin	"	Nov. 9,1961	2	12	25	16	Sulphur	Blue clay 6;blue clay 100;grey limestone 106. Water at 106.
OF Con IV	"	1	K. Bertrand	"	Sep.24,1962	2	8	20	12	Fresh	Blue clay 65;gravel 70. Water at 70.
OF Con IV	"	1	K. Bertrand	"	Jul.20,1963	2	8	20	Flows	"	Blue clay 180;sand 185;grey limestone 200. Water at 200.
OF Con IV	"	1	R. Sabourin	"	Sep.17,1964	2	7	40	28	"	Blue clay 98;grey limestone 116. Water at 116.
OF Con IV	"	1	L. Plante	"	Oct.18,1964	2	8	30	24	Sulphur	Blue clay 100;sand 104;grey limestone 116. Water at 116.
OF Con IV	"	2	L. Theriault	"	Jun. 8,1962	2	8	26	20	"	Loam 2;blue clay 98;grey limestone 114. Water at 112.
OF Con IV	"	2	V. Levesque	"	Oct. 9,1964	2	8	40	23	"	Sand 8;blue clay 100;brown shale 110. Water at 110.
OF Con IV	"	3	A. Levesque	"	Dec.13,1960	2	8	45	21	Fresh	Sand 8;blue clay 100;brown shale 110. Water at 110.
OF Con IV	"	3	V. Lemieux	"	Nov.11,1963	2	7	60	32	Fresh	Topsoil 2;blue clay 88;grey limestone 136. Water at 136.
OF Con IV	"	4	K. Cardinal	V. Cossette	Mar.11,1961	2	3	70	32	"	Clay 112;limestone 122. Water at 118.
OF Con IV	"	4	K. Inbodeau	G. Charbonneau	Feb.27,1962	2	4	20	4	"	Clay 80;boulders sand 89;grey limestone 145. Water at 145.
OF Con IV	"	4	V. Cossette	"	Mar. 7,1964	2	8	75	38	"	Sand 1;clay 108;black shale 127. Water at 125.
OF Con IV	"	5	L. Cardinal	"	Mar. 7,1964	2	4	20	33	"	Blue clay 120;dark shale 159. Water at 150.
OF Con IV	"	5	L. Ferrault	I. Giroux	Sep.26,1960	2	10	40	12	Sulphur	Clay 80;gravel 84;grey limestone 106. Water at 106.
OF Con IV	"	6	M. Ferrault	G.Charbonneau	Jun. 4,1964	2	8	20	15	"	Sand 40;limestone 80. Water at 75.
OF Con IV	"	9	E.P.Fritzpat- rick	J.B.Dufresne & Co. Ltd.	Sep.21,1963	6	2	80	15	"	Sand 20;hardpan 42;gravel 44;shale 45. Water at 44.
OF Con IV	"	9	H.M.Hyde	"	Jun. 8,1963	6	5	45	10	"	Clay 31;limestone 70. Water at 70.
OF Con V	"	20	W. Spirak	L.R.Cossette	Jun. 1,1960	2	4	30	1	"	

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C — RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY - cont. Gloucester Twp. - cont.										
OF Con VI lot 5	Win-Dee-Lane Stock Farm	Capital Water Supply	Oct. 22, 1964	6	10	31	25	Salty	D	Sand 8; clay 87; gravel 94; shale 133. Water at 130.
OF Con VI	" 14 L. Sharp	J. Kettle	Nov. 10, 1964	4	4	172	10	"	D	Red clay 15; blue clay 170; gravel 172. Water at 172.
OF Con VI	" 16 National Capital Comm.	P.E. Johnston Drilling Co. Ltd.	Feb. 9, 1961	15			15	Fresh	D	Sandy loam 4; blue clay 64. Water at 64.
OF Con VI	" 20 S. White	J.R. Kettles	Jun. 8, 1960	4	40	5	3	"	D	Blue clay 131; sand gravel 164; limestone 176. Water at 175.
OF Con VI	" 20 M. Povlin	B. Phillips Drilling Co. Ltd.	Oct. 3, 1960	7	30	30	10	Salty	D	Heavy blue clay 151; gravel 152. Water at 152.
OF Con VII	" 4 A. Desjardins	G. Charbonneau	Mar. 28, 1964	6	6	58	15	"	D	Sand 45; blue clay 85; brown slate 120. Water at 120.
OF Con VII	" 4 N. Mackie	Capital Water Supply	Oct. 19, 1964	6	8	35	30	"	D	Sand 8; clay 87; gravel 88; shale 126. Water at 124.
OF Con VII	" 9 E. Shaw	J. Kettles	Nov. 25, 1964	4	5	50	40	"	D	Loam clay 5; blue clay 125; gravel 126. Water at 126.
OF Con VII	" 10 H. Krekeler	J.B. Dufresne & Co. Ltd.	Jun. 23, 1963	6	14	130	18	Fresh	D	Sand 15; sand clay 125; shale 130. Water at 128.
OF Con VII	" 20 B. MacIntyre	Moloughney	Mar. 21, 1960	4	5	90	35	"	D, S	Clay 40; sand 168; brown shale 219. Water at 200 and 219.
OF Con VIII	" 8 P. Fitman	J. Kettles	Jan. 18, 1961	4	5	11	11	Salty	Ir	Red sand 8; blue clay 96; gravel 102; black shale 124. Water at 96 and 124.
OF Con VIII	" 16 W. Westphal	V. Cossette	Oct. 15, 1960	3	4	28	6	"	D	Grey clay 131; pink limestone 153. Water at 148.
OF Con X	" 11 E. Beruhl	J.B. Dufresne Co. Ltd.	May 30, 1960	6	10	100	4	"	C	Clay 106; limestone 118. Water at 107.
OF Con X	" 18 M. Latimer	B. Phillips Drilling Co. Ltd.	Jan. 28, 1960	4	10	21	20	"	D	Grey clay 72; red clay 90; hard red rock 95. Water at 95.
RP Con I	" 9 G. Mulder	J.B. Dufresne Co. Ltd.	Oct. 10, 1960	2	10	25	14	Fresh	D	Blue clay 45; gravel sand 60; grey limestone 73. Water at 70.
RP Con I	" 9 W. Wilgenhof	"	May 2, 1961	2	7	60	35	"	D	Blue clay 40; sand boulders gravel 70; grey limestone 95.
RP Con I	" 9 J. Mulder	"	Aug. 1, 1961	2	7	74	18	"	D	Water at 90.
RP Con I	" 9 O. Bulau	"	Aug. 3, 1961	2	5	80	35	"	D	Blue clay 55; fine sand boulders 62; grey limestone 92.
RP Con I	" 9 J. Mulder	"	Sep. 13, 1962	2	5	25	17	"	D	Water at 98.
RP Con I	" 9 A.P. Kilgour	"	Nov. 24, 1962	2	3	55	15	"	D	Blue clay 40; sand gravel 75; grey limestone 95. Water at 93.
RP Con I	" 9 Simpson Homes	Capital Water Supply	Oct. 7, 1963	2	3	55	35	"	D	Blue clay 70; gravel boulders 74; grey limestone 100. Water at 98.
RP Con I	" 10 G. Garton	F.E. Johnston Drilling Co. Ltd.	Oct. 23, 1963	5	10	40	40	"	D	Clay 40; sand 50; rock 205. Water at 200.
RP Con I	" 10 G. Brown	"	Jun. 10, 1960	5	10	16	11	"	D	Clay 30; sandy clay 45; hardpan boulders 63; blue limestone 111. Water at 80 and 110.
RP Con I	" 10 L. Franciskini	"	Jun. 23, 1960	5	15	32	28	"	D	Brown clay 2; blue clay stones 9; soft grey limestone 40.
RP Con I	" 10 F. Hurdman	McLean Water Supply	Dec. 4, 1960	6	10	70	35	"	D	Water at 28 and 34.
RP Con I	" 10 D. Davidson	J.B. Dufresne & Co. Ltd.	May 13, 1961	7	20	25	8	"	D	Blue clay fine grey sand 32; soft grey limestone 50. Water at 34 and 42.
RP Con I	" 10 L. Franciskini	"	Jun. 26, 1961	2	5	25	18	"	D	Blue clay 50; gravel boulders 60; grey limestone 70. Water at 68.
RP Con I	" 10 D. Gamble	"	Jul. 1, 1961	2	10	15	8	"	D	Clay boulders 38; grey limestone 40. Water at 40.
RP Con I	" 10 D. Gamble	"	Aug. 6, 1962	2	5	32	32	"	D	Blue clay 30; sand gravel 65; grey limestone 94. Water at 93.
RP Con I	" 10 D. Gamble	"	"	"	"	"	"	"	D	Blue clay 30; boulders gravel 40; grey limestone 42. Water at 36.
RP Con I	" 10 D. Gamble	"	"	"	"	"	"	"	D	Blue clay 46; gravel boulders 52; limestone 90. Water at 90.

## CARLETON COUNTY - cont.

Gloucester Twp. - cont.	lot 10	Kirk Builders Ltd.	McLean Water Supply Ltd.	Jan. 5, 1963	6	7	45	30	Fresh	D	Clay 30:sand 53;limestone 62. Water at 60.
RP Con I	" 14	C. Coleman	B. Phillips Drilling Co.	Jan. 9, 1960	5	10	Flows	Flows	"	D	Clay 80:sandstone 112. Water at 100.
RP Con I	" 14	R. Rowe	M. McLaughlin	Aug. 30, 1961	6	12	60	15	"	D	Clay 30:gravel quicksand 46;granite limestone 100. Water at 70.
RP Con I	" 14	G. Heikamp	J.B. Dufréne & Co. Ltd.	Nov. 5, 1962	2	3	55	Flows	"	D	Blue clay 40:gravel boulders 68;sandstone 140 Water at 138.
RP Con I	" 14	L.E. Fraser	F.R. Cossette	Jun. 13, 1963	3	8	25	"	"	D	Blue clay 34;boulders sand 60;boulders gravel sand 70;sandstone 138. Water at 138.
RP Con I	" 14	G. Heikamp	R.H. Miller	Feb. 13, 1964	2	8	15	6	"	D	Gray clay 30:coarse gravel 45;large boulders hardpan 60;soft grey limestone 137. Water at 137.
RP Con I	" 14	K. Boyd	Capital Water Supply	Jul. 9, 1964	5	10	60	Flows	"	D	Clay 32:clay boulders 37;gravel 71;sandstone 94. Water at 80 and 92.
*RP Con I	" 15	H. Dugas	W.J. King	Sep. 15, 1961	5	5	"	"	"	D	Blue clay 62;limestone 110. Water at 110.
RP Con I	" 15	J.C. St. Louis	V. Cossette	Jun. 13, 1962	3	10	28	Flows	"	D	Clay 53:sand gravel boulders 75;sandstone 132. Water at 130.
RP Con I	" 15	H. Hartman	M. Cossette	Aug. 20, 1962	3	8	30	6	"	D	Clay boulders 33;sandstone 85. Water at 85.
RP Con I	" 15	L.E. Fraser	F.R. Cossette	Jun. 18, 1963	3	8	25	Flows	"	D	Blue clay 45;boulders sand 65;boulders sand gravel 78;sandstone 141. Water at 141.
RP Con I	" 15	W.K. Henry	J.B. Dufréne & Co. Ltd.	Sep. 6, 1963	2	8	25	7	"	D	Clay 40;boulders Gravel 50;sandstone 55. Water at 55.
RP Con I	" 15	G. Otterson	Capital Water Supply	Dec. 3, 1963	5	20	21	20	"	D	Clay 65:sand 68;blue limestone 98. Water at 80 and 96.
RP Con I	" 17	G. Morrow	C. Dufréne	Jun. 24, 1963	5	6	35	20	"	D	Previously drilled 86;sandstone 130. Water at 125.
RP Con I	" 18	C.A. Bond	T.R. Adams	Jul. 5, 1960	4	8	24	21	"	D	Blue clay 82;limestone 89. Water at 89.
RP Con I	" 24	E. Findlay	B. Phillips Drilling Co. Ltd.	Jun. 4, 1960	5	10	22	20	"	D, S	Clay boulders 38;limestone 94. Water at 94.
RP Con I	" 28	L. Stinson	C. Dufréne	Mar. 2, 1960	2	5	40	17	"	S	Boulder sand 43;sandstone 98. Water at 98.
RP Con I	" 28	C. Hawkins	M. Meagher	Oct. 5, 1960	4	5	27	27	"	D	Clay boulders 50;grey limestone 57. Water at 57.
RP Con I	" 30	E. Richardson	J.B. Dufréne	Aug. 15, 1961	2	7	25	14	"	D	Boulders gravel 56;grey limestone 118. Water at 116.
RP Con I	" 37	I. Arkell	C. Dufréne	Jan. 12, 1960	2	5	30	20	"	D	Sand boulders 80;sandstone 100. Water at 100.
RP Con I	" 31	A.F. Gross	B. Phillips Drilling Co. Ltd.	Dec. 5, 1960	5	10	27	25	"	D	Clay 83:silica 99. Water at 97.
RP Con I	" 17	G. Bachand	V. Cossette	Jul. 11, 1961	3	6	28	20	Sulphur	P	Clay 80:sandstone 102. Water at 100.
RP Con II	" 14	R.C.A.F.	J.B. Dufréne & Co. Ltd.	Apr. 17, 1962	8	5	72	36	Fresh	P	S and gravel 58;gravel 72. Water from 55 to 72.
RP Con II	" 14	"	"	May 7, 1962	8	7	68	32	"	P	Sand gravel 60;gravel 68. Water from 50 to 68.
RP Con II	" 15	P. Caldwell	M. Meagher	Sep. 29, 1960	4	5	24	24	"	D	Pink clay 55;grey limestone 75. Water at 75.
RP Con II	" 15	"	"	May 24, 1963	4	3 1/2	Flows	Flows	"	D	Clay 90;gravel 94;limestone 100. Water at 100.
RP Con II	" 25	S.S. No. 12	F.R. Cossette	Jan. 2, 1960	2	6	40	26	"	P	Gravel boulders 52;limestone 72;sandstone 125. Water at 125.
RP Con II	" 25	A. Perrin	Moloughney Well "Drilling	Aug. 4, 1962	5	10	30	8	"	D	Clay 20;boulders gravel 35;gravel 40. Water at 40.
RP Con II	" 25	"	"	Sep. 19, 1962	5	4	35	15	"	D	Clay 9:silt 25;gravel boulders 45. Water at 45.
RP Con II	" 28	J. Sims	M. Meagher	Feb. 1, 1960	4	3	16	16	"	D	Stony clay 42;gravel. Water at 42.
RP Con III	" 6	Hans Nursery	J.B. Dufréne Co. Ltd.	May 5, 1960	6	50	80	20	"	Ir	Sand 85;gravel 93. Water at 93.
RP Con III	" 6	W. Morrison	"	Aug. 2, 1962	3	13	15	5	"	D	Clay 40;boulder sand Gravel 90;grey limestone 98. Water at 95.
RP Con III	" 7	D.E. Pickett	F.R. Cossette	Aug. 24, 1960	3	10	30	19	Sulphur	D	Pink sand 114;grey limestone 139. Water at 139.
RP Con III	" 6	Micmac Realty Ltd.	J.B. Dufréne & Co. Ltd.	Sep. 30, 1964	6	83	55	5	Fresh	C	Sand gravel 30;clay 60; Gravel 64. Water at 64.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

\*See page 49 for two entries for this lot.



# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY - cont.										
Gloucester Twp. - cont.										
RF Con III lot 7	G. Ball	P.R. Cossette	Dec. 21, 1960	3	10	30	11	Fresh	D	Sand 95; grey limestone 100. Water at 100.
RF Con III " 7	T.B. Craham	"	Dec. 28, 1960	3	6	32	22	"	D	Sand 105; gravel 114; grey limestone 123. Water at 123.
RF Con III " 7	H. Ball	"	Feb. 25, 1961	3	7	30	20	"	D	Sand gravel 45; fine sand 111; grey limestone 124. Water at 124.
RF Con III " 7	G.P. Kitchener	"	Nov. 2, 1961	3	4	30	20	"	D	Sand 15; gravel boulders 54; sand 84; boulders sand gravel 118; grey limestone 131. Water at 131.
RF Con III " 8	M. L. Haggrove	C. Dufresne	Jun. 6, 1964	2	5	20	14	"	D	Clay sand 118; granite rock 130. Water at 121.
RF Con III " 8	J. Gaudier	"	Jul. 27, 1964	2	8	24	18	"	D	Clay sand 106; shale 118. Water at 116.
RF Con III " 8	H. Boyer	"	Aug. 15, 1964	2	5	30	18	"	D	Clay boulders 30; sandstone 98. Water at 90.
RF Con III " 8	P.J. Zillinsky	"	Aug. 26, 1964	2	4	30	18	"	D	Sand boulders 120; limestone 181. Water from 175 to 181.
RF Con III " 8	E.H. Bowler	"	Sep. 1, 1964	2	6	25	15	"	D	Clay sand 104; shale 126. Water at 123.
RF Con III " 8	F. Adams	"	Jul. 4, 1961	6	3	112	16	"	D	Sand gravel 60; sand 110; gravel 112. Water at 112.
RF Con III " 8	P. Forques	P.R. Cossette	Nov. 13, 1963	3	15	30	14	"	D	Sand 10; sandy clay 50; fine grey sand 109; limestone 117. Water at 117.
RF Con III " 9	P. Schultz	J.B. Dufresne Co. Ltd.	Mar. 21, 1961	6	8	100	10	"	D	Fine sand 30; blue clay 50; coarse sand 105; gravel 109. Water at 107.
RF Con III " 13	Federal Govt. NR. Hwy. Eng. Lab.	B. Phillips Drilling Co. Ltd.	Jan. 21, 1964	8	25	10	4	"	P	Gravel stones 8; fine sand 45; fine gravel 85; coarse sand 100; large boulders 115; grey hard limestone 225. Water at 220.
RF Con III " 16	T. Kuntz	P.R. Cossette	Apr. 11, 1962	2	12	25	5	"	D	Clay 20; sand gravel 24; limestone 82. Water at 82.
RF Con III " 17	W. Karock	"	Apr. 14, 1961	2	20	20	3	"	D	Sand 19; grey limestone 85. Water at 85.
RF Con III " 17	P. Coolen	"	May 5, 1961	2	6	30	Flows	"	D	Clay 37; boulders gravel 65; grey limestone 89. Water at 89.
RF Con III " 21	W. Andrews & D. Duncan	F.C. Johnston Drilling Co. Ltd.	Oct. 6, 1960	7	10	18 1/2	17	"	D	Brown clay sand stone 32; sand gravel stones 44. Water from 32 to 44.
RF Con III " 21	E. Dunning	B. Phillips Drilling Co. Ltd.	Jul. 10, 1962	5	10	25	25	"	D	Sand gravel 92; grey limestone 102. Water at 100.
RF Con III " 23	R. Heppner	"	Dec. 17, 1962	5	10	30	25	"	D	Sand gravel 100; grey limestone 128. Water at 128.
RF Con III " 23	L. Teevens	M. Neagher	Sep. 27, 1962	4	4	28	28	"	D	Blue boulders 25; limestone 48. Water at 48.
RF Con III " 24	J. Hermann	T.H. Adams	Sep. 1, 1960	4	8	20	18	"	D	Clay clay 16; limestone 52. Water at 52.
RF Con III " 24	H. Pernhoven	"	Sep. 10, 1960	4	8	21	20	"	D	Gravel 21; limestone 41. Water at 41.
RF Con III " 24	J. Markoffer	M. Cossette	Oct. 21, 1960	2	4	18	12	"	D	Sand boulders 15; grey limestone 59. Water at 59.
RF Con III " 24	P. Wlotzki	V. Cossette	Sep. 14, 1961	2	6	28	11	"	D	Sand gravel boulders 13; limestone 51. Water at 48.
RF Con III " 24	J. Markoffer	V. Cossette	Sep. 15, 1961	2	6	28	15	"	D	Sand gravel boulders 15; limestone 46. Water at 45.
RF Con III " 24	H. Luzow	J.B. Dufresne	Dec. 9, 1961	2	5	25	8	"	D	Boulders gravel 16; grey sandstone 51. Water at 49.
RF Con III " 24	N. Bueche	V. Cossette	Mar. 14, 1962	2	7	28	14	"	D	Sand gravel boulders 15; grey limestone 45; sandstone 53. Water at 49.
RF Con III " 24	A. Phillips	C. Dufresne	Mar. 20, 1962	2	7	25	18	"	D	Sand boulder clay 18; limestone 55. Water from 46 to 55.
RF Con III " 24	E. Bacher	Capital Water Supply	Jul. 12, 1962	5	10	30	20	"	D	Sandy clay boulders 21; brown sandstone 50. Water at 48.
RF Con III " 24	H. Mueller	"	Aug. 18, 1962	5	5	30	20	"	D	Sandy clay boulders 22; sandstone 44. Water at 43.
RF Con III " 24	P. Wlotzki	V. Cossette	Nov. 27, 1963	2	12	28	6	"	D	Clay 4; sand gravel boulders 14; limestone 44. Water at 41.
RF Con III " 24	R. Borchers	Moloughney	Dec. 15, 1963	4	4	25	7	"	D	Silt 10; boulders gravel 15; limestone 39. Water at 39.
RF Con III " 24	H. Ficko	M.A. Deevy	Nov. 7, 1964	5	2	36	30	"	D	Deepened old well 53; limestone 78; sandstone 83. Water at 83.
RF Con III " 28	L. Peallatier	M. Neagher	Dec. 1, 1964	5	5	18	12	"	D	Clay loam 45; gravel 46; limestone 47. Water at 47.
RF Con III " 30	Kirk Builders Ltd.	McLean Water Supply Ltd.	Jul. 17, 1963	5	10	20	8	"	C	Sand 10; gravel boulders 43; limestone 55. Water at 55.
RF Con IV " 6	W.K. Clark	C. Dupresne	Aug. 18, 1961	2	4	20	8	"	D	Clay 2; grey limestone 65. Water at 55.
RF Con IV " 6	N.C.C.	A. Cayer	Aug. 8, 1964	5	4	70	14	"	D, S	Sand 8; hardpan 35; slate rock 80. Water at 70.



CARLETON COUNTY - cont.  
Gloucester Twp. -cont.

RF Con IV	"	7	N. Kizell	McLean Water Supply Ltd.	Sept. 11, 1964	5	7	27	18	Fresh	D	Sand 40; sand 80; fine gravel 100. Water from 80 to 100.
RF Con IV	"	7	Andrew Bros.	Blair Phillips Drilling Co. Ltd.	Feb. 25, 1960	4	6	18	15	"	D	Sand 72; gravel 73; limestone 115. Water at 100.
RF Con IV	"	7	"	"	Mar. 9, 1960	4	3	60	45	"	D	Sand 80; limestone 145. Water at 140.
RF Con IV	"	7	"	"	Oct. 13, 1960	4	10	30	30	Salt	D	Previously drilled 145; limestone 265. Water at 165.
RF Con IV	"	7	P. Fricklyk	J.B. Dufresne Co. Ltd.	Feb. 25, 1960	6	10	70	20	Fresh	D	Sandy clay 30; sand 70. Water at 74.
RF Con IV	"	7	T. Buffone	Blair Phillips Drilling Co. Ltd.	Mar. 30, 1960	4	6	25	20	"	D	Sand 83; shale 120. Water at 115.
RF Con IV	"	7	G. Errison	W. Cossette	May 24, 1960	4	10	30	25	"	D	Sand 86; limestone 125. Water at 100.
RF Con IV	"	7	G. Carrier	"	Sept. 16, 1960	3	6	35	25	"	D	Fine sand 40; gravel 68; hardpan 70; black shale 100. Water at 100.
RF Con IV	"	7	C.B. Aberdeen	Blair Phillips Drilling Co. Ltd.	Nov. 14, 1960	4	10	37	35	"	D	Sand 50; shale brown limestone 140. Water at 130.
RF Con IV	"	7	T. Clarkson	"	Jan. 30, 1961	4	6	35	30	"	D	Sand 88; brown limestone 142. Water at 142.
RF Con IV	"	7	Andrew Bros.	P.R. Cossette	Mar. 20, 1961	3	3 1/2	30	17	"	D	Sand 60; shale stone 69. Water at 69.
RF Con IV	"	7	A. Clermont	Blair Phillips Drilling Co. Ltd.	Jul. 21, 1961	4	5	80	30	"	D	Sand 85; brown shale limestone 154. Water at 154.
RF Con IV	"	7	G. Boucher	McLean Water Supply Ltd.	Jul. 25, 1961	7	5	36	25	"	D	Sand 78. Water at 78.
RF Con IV	"	7	B. Steele	Blair Phillips Drilling Co. Ltd.	Dec. 13, 1960	4	10	50	25	"	D	Coarse sand 70; grey limestone shale 113. Water at 113.
RF Con IV	"	7	Tallback Const.	J.B. Dufresne	Aug. 30, 1960	3	3	65	15	"	D	Pine sand 67; black shale 130. Water at 118.
RF Con IV	"	7	F.D. Dollaghan	"	Apr. 20, 1961	6	10	75	20	"	D	Sand gravel boulders 30; medium sand 73; grey shale limestone 75. Water at 75.
RF Con IV	"	7	R. Gour	F.R. Cossette	May 28, 1960	3	4	30	22	"	D	Clay 20; sand 72; limestone 79. Water at 79.
RF Con IV	"	7	Jewish Cemetery	McLoughney	May 10, 1961	6	30	120	10	Sulphur	Ir	Clay 50; sandy silt 106; brown shale 600. Water at 300; 500 and 600.
RF Con IV	"	7	J.P. Racette	McLean Water Supply	Jul. 28, 1961	7	8	55	25	Fresh	D	Sand 80; shale 84. Water from 80 to 84.
RF Con IV	"	7	R. Bisailon	V. Cossette	Mar. 12, 1962	3	4	55	27	"	D	Sand 76; sand gravel 80; black limestone 121. Water at 119.
RF Con IV	"	7	B. Steele	Blair Phillips Drilling Co. Ltd.	Mar. 26, 1962	4	4 1/2	195	20	Sulphur	D	Sand 72; soft brown limestone 195. Water at 195.
RF Con IV	"	7	"	"	Mar. 31, 1962	4	4	50	18	"	D	Sand 69; coarse sand 73; soft brown limestone 120. Water at 120.
RF Con IV	"	7	W. Gaerther	V. Cossette	Jul. 14, 1962	3	4	28	18	Fresh	D	Sand boulders gravel 66; limestone 85. Water at 83.
RF Con IV	"	7	W. Panash	W. Cossette	Aug. 9, 1962	4	3	60	26	"	D	Gravel boulders 20; quicksand 73; sand boulders 89. Water at 108.
RF Con IV	"	7	J. Krude	V. Cossette	Nov. 2, 1962	3	4	28	28	"	D	Sand 55; hardpan sand boulders 73; limestone 83. Water at 80.
RF Con IV	"	7	Blossom Park Separate School	J.B. Dufresne & Co. Ltd.	Nov. 2, 1962	8	3	200	30	"	P	Sand 40; hardpan 63; black shale 200. Water at 66.
RF Con IV	"	7	P. Ficklick	"	Nov. 5, 1962	6	3	29	18	"	D	Brown sand 20; gravel sand 30. Water at 30.
RF Con IV	"	7	H. Hof	V. Cossette	Nov. 11, 1962	3	4	55	29	"	D	Sand 72; boulders gravel sand 96; limestone 130. Dry hole.
RF Con IV	"	7	S. Berredettes	Blair Phillips Drilling Co. Ltd.	Nov. 14, 1962	3	4	60	20	"	D	Sand 72; boulders gravel sand 90. Water at 89.
RF Con IV	"	7	R.C. School	"	Mar. 26, 1963	7	10	60	20	"	P	Sand 66; black shale 135. Water at 135.
RF Con IV	"	7	V. Konstantenur	W. Cossette	Jun. 13, 1963	3	3	70	33	"	D	Boulders gravel 60; quicksand 73; gravel sand 95; limestone 99. Water at 99.
RF Con IV	"	7	A. Pasold	"	Jun. 28, 1963	3	3 1/2	60	26	"	D	Gravel sand 30; quicksand 76; sand boulders 94; limestone 107. Water at 107.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY - cont.										
Glooucester Twp. - cont.										
RF Con IV lot 7	Gille-Gourd	W. Cossette	Sep. 11, 1963	3	5	50	28	Sulphur	D	Boulders gravel 20; sand 40; quicksand 67; boulders gravel 71; hardpan 76; soft shale 80. Water at 80.
RF Con IV "	C. Monahan	A.E.I. Quinn	Sep. 17, 1964	4	5	80	30	Fresh	D	Previously dug 24; fine sand clay 44; fine sand 55; fine gravel 86; black shale 132. Water at 128.
RF Con IV "	J. Udeall	F.R. Cossette	Oct. 23, 1964	3	5	60	25	"	D	Sand 60; boulders sand 86; limestone 111. Water at 111.
RF Con IV "	J.E. Walsh	Capital Water Supply	Dec. 21, 1964	5	7	55	32	"	D	Sand 20; hardpan 23; sand 73; shale 118. Water at 117.
RF Con IV "	W.S. Craig	"	Dec. 29, 1964	5	8	39	23	"	D	Clay 28; hardpan 31; clay 37; hardpan 39; sand 76; shale 119. Water at 117.
RF Con IV "	N. Martel	J.R. Kettles	Jun. 30, 1960	4	6	28	28	Sulphur	D	Red sand 10; blue clay 13; sandy gravel 58; gravel 109. Water at 109.
RF Con IV "	K. McAnn	"	Jul. 27, 1960	4	6	16	16	"	D	Gravelly sand 22; grey sand 78; black gravel 84. Water at 84.
RF Con IV "	A.B. Carswell	Blair Phillips	Aug. 4, 1960	7	30	30	10	Fresh	D	Coarse sand 37; gravel 30; coarse sand 84; coarse gravel 85.
RF Con IV "	Imperial Oil Ltd.	Drilling Co. Ltd.	Jan. 23, 1961	7	30	27	25	"	C	Water at 85.
RF Con IV "	J.A. Fournier	J.B. Dufréne & Co. Ltd.	Apr. 27, 1961	6	50	55	10	"	D	Sand 100; brown limestone 190. Water at 190.
RF Con IV "	H. Lalonde	C. Dufréne	Dec. 6, 1961	3	6	30	20	"	D	Coarse sand 60; black shale 60. Water at 50.
RF Con IV "	J.C. Lacelle	F.R. Cossette	Sep. 29, 1962	3	12	30	18	Sulphur	D	Sand boulders 103; shale rock 133. Water at 133.
RF Con IV "	A.P. Burge	"	Oct. 26, 1962	3	10	25	14	"	D	Sand 60; boulders sand gravel 86; sand 120; limestone 127. Water at 127.
RF Con IV "	L. Morgan	Capital Water Supply	Aug. 11, 1964	6	10	35	30	"	D	Sandy topsoil 5; clay 15; medium sand 40; fine sand 97; shale 111. Water at 111.
RF Con IV "	F. Leroux	J.B. Dufréne	Sep. 10, 1960	6	30	50	14	Fresh	D	Sand 6; clay 50; sand 100; gravel 103; black shale 112. Water at 110.
RF Con IV "	J.O. Beard	Blair Phillips	Aug. 1, 1960	4	5	20	15	"	D	Pine sand 51; black shale 60. Water at 58.
RF Con IV "	W. Charbonneau	Drilling Co. Ltd.	Sep. 6, 1960	6	30	50	15	"	D	Sandy clay 65; grey limestone 115. Water at 115.
RF Con IV "	Toronto General Trust Co.	J.B. Dufréne	Nov. 17, 1960	4	6	50	20	"	D	Sandy loam 5; fine sand 49; sand gravel 50; black shale. Water at 50.
RF Con IV "	S.E. Lapp	"	Feb. 6, 1961	4	6	30	25	"	D	Coarse sand 98; brown shale limestone 118. Water at 115.
RF Con IV "	B.J. Murphy	"	Feb. 9, 1961	4	6	30	25	"	D	Sand 63; brown shale limestone 112. Water at 112.
RF Con IV "	A. Viau	J.B. Dufréne & Co. Ltd.	Feb. 25, 1961	6	4	48	25	"	D	Sand 63; brown shale limestone 110. Water at 110.
RF Con IV "	G. Dunne	Blair Phillips	Mar. 18, 1961	5	10	30	25	"	D	Yellow sand 30; hardpan 47; black shale 50. Water from 47 to 49.
RF Con IV "	G.S. Duncan	Drilling Co. Ltd.	Jun. 2, 1961	6	80	38	7	"	D	Sand 65; limestone shale 104. Water at 104.
RF Con IV "	O. Bulau	"	Oct. 5, 1961	6	3	90	25	"	D	Pine sand 36; coarse gravel 40. Water at 40.
RF Con IV "	W. Zrensky	J.R. Kettles	Nov. 15, 1961	4	3	26	15	"	D	Sand 36; shale 90. Water at 36.
RF Con IV "	C.D. Blackman	J.B. Dufréne Co. Ltd.	Dec. 5, 1961	6	80	60	7	"	D	Red sand grey sand 25; gravel 35; black rock shale 100. Water at 90.
RF Con IV "	A. Smith	J.R. Kettles	Dec. 5, 1961	6	6	30	25	"	D	Yellow sand 20; grey sand gravel 56; black shale 60. Water at 59.
RF Con IV "	J. Charron	"	Dec. 23, 1961	4	7 1/2	20	15	"	D	Dug well 30; fine sand 60; gravel sand 75; gravel 80. Water at 80.

CARLETON COUNTY - cont.  
Gloucester Twp.-cont.

RF Con IV	"	9	V. Blair	J.B.Dufresne & Co. Ltd.	Feb. 28, 1962	6	5	80	11	Fresh	D	Sand 65; gravel sand 70; broken shale 90. Water at 80.
RF Con IV	"	9	H. Perrier	McLean Water Supply Ltd.	Mar. 12, 1962	6	6	40	15	"	D	Sand 70; limestone 75. Water from 70 to 75.
RF Con IV	"	9	J.C. Ibner	J.R.Kettles	Aug. 31, 1962	4	1	75	30	"	D	Sand fill 7; black muck 9; fine grey sand 47; black shale 75. Water at 75.
RF Con IV	"	9	A. Monette	V. Cossette	Sep. 7, 1962	3	3	28	16	Sulphur	D	Sand 65; send gravel boulders 92. Water at 92.
RF Con IV	"	9	E. Dufresne	C. Dufresne	Jun. 15, 1963	2	4	15	15	"	D	Sand 40; shale 75. Water at 75.
RF Con IV	"	9	D. Bigras	W. Cossette	Aug. 29, 1963	2	4	35	8	"	D	Sand gravel 28; quicksand boulders 35; gravel boulders 39; limestone 62. Water at 62.
RF Con IV	"	9	P. Delessez	C. Dufresne	Oct. 11, 1963	2	4	15	15	"	D	Sand 40; shale 85. Water at 85.
RF Con IV	"	9	A. Clarke	J.B.Dufresne & Co.	Jul. 15, 1964	3	2	75	13	"	D	Sand very hard gravel 77; boulders gravel 93; shaly limestone 106. Water at 104.
RF Con IV	"	9	H.O'Brien	F.R. Cossette	Jul. 25, 1964	3	3	60	23	"	D	Sand 34; grey limestone 200. Water at 200.
RF Con IV	"	9	H. Attieven	Capital Water Supply	Oct. 1, 1964	3	2	80	20	"	D	Sand 40; hardpan boulders 55; black shale 180. Water at 100 and 160.
RF Con IV	"	9	B. Stokely	J.B.Dufresne & Co.	Oct. 26, 1964	6	33	40	10	"	D	Sand 40; gravel 44. Water at 44.
RF Con IV	"	9	E. Wydenra	"	Oct. 27, 1964	6	24	72	10	"	D	Sand 60; hardpan 68; shale 80. Water at 75.
RF Con IV	"	9	A. Middlemiss	"	Nov. 19, 1964	6	33	25	14	"	D	Sand 28; gravel 33. Water at 33.
RF Con IV	"	10	A. VanVelthoven	McLean Water Supply Ltd.	Jan. 16, 1960	5	10	10	4	"	D	Muck 4; sand 38; limestone 65. Water at 65.
RF Con IV	"	11	O. Bulau	J.B.Dufresne Co. Ltd.	May 9, 1960	6	37	37	6	"	D	Clay 36; black shale 38. Water at 38.
RF Con IV	"	11	W. Gaertner	"	May 26, 1960	6	14	38	6	"	D	Sandy soil 25; limestone 38. Water at 38.
RF Con IV	"	11	National Capital Comm.	F.E. Johnston Drilling	Jan. 19, 1961	7	6	5	4	"	D	Sandy loam 3; blue clay 34; gravel sand 37; blue shale 85. Water at 38.
RF Con IV	"	11	E. Vanessen	J.R. Kettles	Feb. 4, 1961	4	5	6	6	"	D	Grey quicksand 42; hard black shale 72. Water at 72.
RF Con IV	"	11	R. McAllum	"	Feb. 11, 1961	4	7	3	3	"	D	Black muck 4; grey quicksand 42; black shale 60. Water at 60.
RF Con IV	"	11	S. Wara	J.B.Dufresne Co. Ltd.	May 15, 1961	6	8	45	21	"	D	Blue clay 25; fine sand 30; black shale 50. Water at 45.
RF Con IV	"	12	G. Lefebvre	X. Giroux	Feb. 10, 1961	3	4	30	10	"	D	Clay gravel 1; dark shale 129. Water at 90.
RF Con IV	"	12	Talback Const. Co.	J.B.Dufresne	Mar. 25, 1961	6	4	295	40	"	D	Yellow sand 12; limestone shale 300. Water at 67.
RF Con IV	"	13	Capital Golf Gardens	McLean Water Supply Ltd.	Jan. 6, 1960	5	3	100	1	"	T	Salt 12; limestone 150. Water at 50.
RF Con IV	"	13	"	"	Jan. 13, 1960	5	1	60	15	"	T	Salt 2; limestone 75. Water at 75.
RF Con IV	"	13	"	"	Apr. 29, 1960	10	250	6	1	"	T	Muck 5; gravel 44. Water from 5 to 44.
RF Con IV	"	13	National Capital Comm.	F.E. Johnston	Oct. 18, 1961	5	3	124	20	Sulphur	D	Sandy loam stones 10; blue clay stones 19; blue shale 128, Water at 48 and 96.
RF Con IV	"	14	R. Wilson & Co. Ltd.	Blair Phillips Co. Ltd.	Sep. 13, 1962	4	3	119	5	"	D	Clay 55; brown shale 119. Water at 119.
RF Con IV	"	14	D. Cain	Capital Water Supply	Jun. 10, 1963	6 1/2	3	50	14	Fresh	D	Sandy gravel 15; black shale 65. Water at 55 and 64.
RF Con IV	"	14	P. Brenning	J.R.Kettles	Jul. 11, 1963	3	2	90	8	Sulphur	D	Shaly clay 11; black shale 90. Water at 90.
RF Con IV	"	14	"	"	Jul. 16, 1963	4	3	80	12	Fresh	D	Shaly clay 13; black shale 80. Water at 80.
RF Con IV	"	14	B. Clark	"	Sep. 12, 1963	4	4	96	15	"	D	Shaly clay 22; black shale 96. Water at 96.
RF Con IV	"	16	Gloucester Twp.	J.B.Dufresne & Co.	Oct. 5, 1961	6	4	240	10	"	D	Hard blue clay 3; hard fine sand 38; black shale 240. Dry hole.
RF Con IV	"	16	"	"	Oct. 6, 1961	6	20	32	15	"	D	Clay 4; hard packed sand 30; black shale 32. Water at 31.
RF Con IV	"	16	"	"	Mar. 9, 1962	6						Clay 26; black shale 200. Dry hole.

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY - cont. Gloucester Twp. - cont.										
RP Con IV " 16 lot 16	Twp. Gloucester " Corp'n	J.E. Dufresne Co. Ltd.	Mar. 12, 1962	6	2	120	10	Fresh	P	Clay 26; black shale 120. Water at 110.
RP Con IV " 16	O. Stoehr	Moloughney Capital Water Supply	Sep. 9, 1962 May 28, 1963	12 5	15 10	25 12	15 8	"	P D	Clay 32; broken shale 38; shale 40. Water at 40. Hardpan boulders 12; blue limestone 70. Water at 50 and 68.
RP Con IV " 16	K. Schmit	"	May 12, 1964	5	10	12	12	"	D	Sandy clay boulders 12; limestone 67. Water at 65.
RP Con IV " 18	E. Kelly	J.R. Kettles	Nov. 28, 1963	4	9	10	10	"	D	Clay quicksand 18; hard grey limestone 68. Water at 68.
RP Con IV " 18	C. Kelly	"	Dec. 28, 1964	4	1	130	12	"	S	Stony small boulders 13; hard limestone 130. Water from 75 to 80.
RP Con IV " 21	J.E. Zinet	M. Meagher	Jul. 20, 1962	4	6	8	6	"	D	Clay 18; limestone 45. Water at 45.
RP Con IV " 22	Carleton	J.B. Dufresne Co. Ltd.	Oct. 6, 1961	6	80	70	20	"	C	Boulders tall 16; hard grey limestone 25; sandstone 89. Water at 85.
RP Con IV " 22	Russell Co-op	"	Jun. 29, 1961	4	4	8	6	"	D	Loam 6; grey limestone 55. Water at 55.
RP Con IV " 22	F. Golden	M. Meagher	Jul. 28, 1962	4	5	10	8	"	D	Clay 21; limestone 46. Water at 46.
RP Con IV " 23	M. Phillips	McLean Water Supply Ltd.	May 9, 1962	7	100	15	7	"	P	Sandy loam 3; fine sand 36; sandstone 51. Water at 47.
RP Con IV " 24	Bideau Carleton Raceway	"								
RP Con IV " 24	A. Digiacomo	F.R. Cossette	Aug. 12, 1960	4	8	44	32	"	D	Fine sand 30; boulders gravel 53; grey limestone 73. Water at 73.
RP Con IV " 24	Hideo Carleton Raceway	McLean Water Supply Ltd.	Apr. 25, 1962	7	8	43	30	"	P	Sandy loam 3; gravel boulders 47; sandstone 60. Water at 60.
RP Con IV " 25	A. Preston	Gayer Well Drillers	Aug. 16, 1960	4	15	30	18	"	D	Sandy soil 25; sand stone 45; quicksand 60; sand gravel 69. Water at 69.
RP Con IV " 26	G.T. Brisson	F.E. Johnston Drilling Co. Ltd.	Apr. 26, 1960	5	13	55	13	"	D	Brown clay 3; medium grey limestone 100. Water at 68 and 82.
RP Con IV " 26	W. Theeland	Blair Phillips Drilling Co. Ltd.	May 2, 1960	5	30	15	7	"	D	Clay 15; shale 12; limestone 71. Water at 38.
RP Con IV " 26	F.E. Johnston	F.E. Johnston	Oct. 20, 1961	5	10	44	26	"	D	Sandy loam 4; shaly limestone 46; medium grey limestone 96. Water at 48, 67 and 89.
RP Con IV " 30	St. Mary's Separate School	Capital Water Supply	Sep. 18, 1963	5	10	31	25	"	P	Gravelly sand boulders 33; blue limestone 100. Water at 70 and 98.
RP Con V " 1	P. Bloux	F.E. Johnston	Jul. 22, 1961	5	4	100	32	"	D	Sandy loam boulders 12; blue clay stones 24; grey limestone 112.
RP Con V " 5	W. Daoust	B. Sanche	Aug. 12, 1961	4	5	45	25	"	D	Brown soil 2; gravel 46; grey limestone 51. Water at 49.
RP Con V " 9	National Capital Comm.	J.B. Dufresne Co. Ltd.	Jun. 9, 1960	6	2	80	10	"	D	Sandy loam 20; limestone 120. Water from 100 to 118.
RP Con V " 9	"	"	Sep. 7, 1960	6	2	80	14	"	D	Sandy loam 7; fine sand 35; black shale 100. Water at 85.
RP Con V " 16	L.D. Blackwell	J.R. Kettles	Jul. 3, 1961	4	3	5	3	"	D	Shaly rock clay 16; black bedrock 105. Water at 105.
RP Con V " 17	B. MacIntyre	Moloughney	Aug. 19, 1962	4	4	100	20	"	D	Clay 14; brown shale 150. Water at 110, 150 and 150.
RP Con V " 17	D. White	"	Sep. 15, 1963	6	4	90	10	"	D	Silt 15; brown shale 130. Water from 100 to 190.
RP Con V " 17	Heden Realty	S. Charbonneau Diamond & Cable Drilling	Aug. 14, 1964	6	6	60	4	"	D	Brown shale 8; brown slate 70. Water at 70.
RP Con V " 18	J. Medved Duke	J.R. Kettles	Mar. 18, 1963	4	5	10	10	"	D	Red sand 10; blue clay 25; sand gravel 47; black shale 70. Water at 68.
RP Con V " 18	J.P. Mahen	F.C. Johnston	Aug. 13, 1963	6	8	242	20	"	T	Sand loam 3; blue clay 7; blue clay stones 19; black shale 296; grey limestone 310. Water at 250, 297 and 306.
RP Con V " 23	G. Hure	McLean Water Supply Ltd.	Dec. 14, 1964	5	4	65	20	"	D	Loam 2; hard sandstone 65; red granite 79. Water from 60 to 79.
RP Con V " 24	Armstrong Bros Co. Ltd.	P.C. Johnston	Oct. 31, 1960	6	6	90	32	"	In	Shaly limestone 22; grey limestone 100. Water at 94 and 98.



## CARLETON COUNTY - cont.

Gloucester Twp. - cont.	P. Smygatt lot 24	M. Meagher Moloney Well Drilling	Jan. 7, 1963 Jun. 26, 1963	4	3	12	9	Fresh	Ir	
RF Con V	" 25	R.W. Sharp		5	5	40	15	"	D	Well previously drilled 78; limestone 90. Water at 90.
RF Con V	" 26	Dom. Tar & Chemical Co.	Oct. 15, 1960	8	200	111	65	"	In	Shaly limestone 8; hard grey limestone 92; whitish brown sandstone 201; shaly limestone 216; hard grey limestone 226; whitish brown sandstone 248; shaly limestone 250. Water at 37, 76, 108, 136, 174, 196, 232, 244. Previously drilled 63; hard sandstone 170. Water at 92 and 146.
RF Con V	" 27	M. Miller	Nov. 8, 1961	4	5	165	50	"	D, S	Brown sandy loam 4; hard grey limestone 94; soft hard whitish grey sandstone 230. Water at 95, 162, 188 and 214. Loam 4; gravel 16; grey limestone 58. Water at 58. Hardpan 4; hard grey rock 36. Water at 36.
RF Con V	" 27	M.W. Miller	Mar. 18, 1964	6	15	80	70	"	D	Grey limestone 100. Water at 100.
RF Con V	" 28	F.J. Johnston	Jul. 13, 1960	4	2 1/2	14	9	"	D	Broken limestone 10; grey limestone 90; grey limestone quartz 100; sandstone 137. Water at 70 and 135.
RF Con V	" 28	F. D'Aoust	Sep. 2, 1960	4	5	26	10	"	D	Topsoil 4; sand 5; limestone 152. Water at 152.
RF Con V	" 28	J. Sheldrick	Jul. 2, 1961	4	4	8	8	"	D	Clay 12; limestone 102. Water at 98.
RF Con V	" 28	E. Johnson	Oct. 24, 1961	6	10	94	50	"	C	Clay loam 20; limestone 120. Water at 120.
RF Con V	" 28	F. D'Aoust	Oct. 8, 1964	2	2	60	22	"	D	Boulders hardpan 16; hard grey limestone 45. Water at 40.
RF Con V	" 30	R. Thompson	May 13, 1960	4	10	45	40	"	D	Sandy soil 20; hardpan 25; gravel 29; grey hard rock 33. Water at 33.
RF Con V	" 30	L. Thompson	Jun. 17, 1960	4	3	60	24	"	D	Dug well 11; hardpan stones 25; hard grey rock 35. Water at 34.
RF Con V	" 30	J. Verhoeven	Sep. 6, 1961	4	7	25	18	"	D	Topsoil stone 5; sand stone 34; rock 50. Water at 50.
RF Con V	" 30	Urban & Gravelle	Oct. 4, 1961	4	15	12	5	"	D	Gravel boulders 13; blue limestone 80. Water at 60, 70 and 79.
RF Con V	" 30	Octave & Gravelle	Oct. 17, 1961	4	10	17	14	"	D	Boulders sand topsoil 8; grey limestone 66. Water at 66.
RF Con V	" 30	L.J. Dewar	Jun. 7, 1962	4	15	20	9	"	D	Sand boulders 9; limestone 55. Water at 55.
RF Con V	" 30	V. Ridgeway	Feb. 21, 1963	5	6	20	17	"	D	Loam 12; limestone 84. Water at 84.
RF Con V	" 30	D. Dignard	Jun. 19, 1963	2	20	40	7	"	D	Previously drilled 56; limestone 96. Water at 94.
RF Con V	" 30	R. Young	Oct. 1, 1963	6	10	40	12	"	D	Grey sand 6; blue clay 60; fine black sand 64; grey shale 88. Water at 88.
RF Con V	" 30	E. Elke	Jul. 15, 1964	6	5	65	25	"	D	Blue clay 145; coarse sand 155; grey limestone 165. Water at 160.
RF Con V	" 30	M. Owens	Aug. 14, 1964	5	15	70	35	"	P	Red sand 15; blue clay 22; grey sand gravel 95. Water at 60 and 95.
RF Con VI	" 10	G. Potvin	Oct. 21, 1960	4	8	10	10	"	D	Clay 21. Water at 21.
RF Con VI	" 16	A. Lauton	Mar. 18, 1961	6	3	140	55	Salty	D	Blue clay 90; sandy clay 166; grey limestone 170. Water at 158.
RF Con VI	" 16	R. Tomlinson	Jan. 10, 1963	4	4	45	38	Fresh	D	Clay 74; shale 76. Water at 76.
RF Con VI	" 16	D. Cain	Dec. 5, 1963	36	5	16	16	"	D	Red sand 13; blue clay 16; grey sand 43; gravel 47; black shale 65. Water at 65.
RF Con VI	" 17	A. Lakerdes	Aug. 12, 1960	6	20	100	12	Salty	D	
RF Con VI	" 17	T. Johnston	Dec. 12, 1961	5	3	10	8	Fresh	D, S	
RF Con VI	" 17	G. Tutchings	Oct. 5, 1964	4	5	10	10	"	D, S	

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY - cont. Gloucester Twp. cont. RF Con VI lot 20	National Capital Comm.	J.B.Dufresne & Co Ltd.	Oct. 5, 1964	6	3	60	30	Fresh	D	Sand 3; clay 175; hardpan sand 190. Water from 175 to 190.
RF Con VI " 21	E. Laisselle	T.H. Adams	Sep. 30, 1960	4	8	60	9	"	D	Brown sand 6; blue clay 91; shale 172. Water at 172.
RF Con VI " 21	V.G. Larose	J.B.Dufresne & Co Ltd.	Oct. 30, 1962	6	8	38	1	"	D	Sand clay 25; black shale 40. Water at 38.
RF Con VI " 21	J. Socyewasewski	J.R. Kettles	Feb. 6, 1963	4	140	43	84	"	D	Black muck 4; grey sand 10; blue clay 16; sand 60; gravel 84. Water at 84.
RF Con VI " 21	A. Lenhart	Capital Water Supply	Apr. 14, 1964	5	10	5	2	"	D	Sand 9; clay 40; shale 59. Water at 58.
RF Con VI " 27	E. Duncan	Cayer well Drilling	Jun. 11, 1962	5	15	15	4	"	D	Yellow ground 8; blue clay 57; gravel 93; rock 94. Water at 93.
RF Con VI " 30	T. Cahill	J.R. Kettles	Apr. 2, 1964	4	2	27	13	"	D	Hardpan 12; grey limestone 27. Water at 27.
RF Con VI " 30	"	"	Jun. 26, 1964	4	1	30	10	"	D	Sand boulders 13; hard grey red limestone 38. Water at 30.
RF Gore " 23	L. Teevens	M. Meagher	Sep. 23, 1962	4	4	27	24	"	D	Clay boulders 24; limestone 50. Water at 48.
RF Gore " 25	T. Shuster	V. Cossette	Sep. 18, 1961	2	3	28	12	"	D	Sand gravel boulders 6; limestone 22; sandstone 42. Water at 40.
RF Gore " 25	R. McKnight	Capital Water Supply	Nov. 10, 1961	6	8	52	43	"	D	Sandy clay boulders 10; grey sandstone 30; brown sandstone 97. Water at 80 and 95.
RF Gore " 25	H. Kubicek	"	Mar. 17, 1962	5	10	55	20	"	D	Sandy clay boulders 20; sandstone 95. Water at 60, 80 and 94.
RF Gore " 25	B. Massey	V. Cossette	Aug. 13, 1962	2	6	28	16	"	D	Clay gravel boulders 18; limestone 45. Water at 42.
RF Gore " 25	W. Coxwall	M. Meagher	Aug. 20, 1962	4	3	12	7	"	D	Clay 12; limestone 44. Water at 44.
Goulbourn Twp. Con I lot 6	St. Claire's Catholic Church	M. McLaughlin	Jul. 20, 1960	6	10	40	18	Fresh	D	Red sand 5; clay loam 12; sandstone rock 85. Water at 80.
Con I " 24	A. Crawford	F.P. Sparks	Feb. 1, 1962	4	5	12	10	"	D	Coarse gravel 15; grey limestone 50. Water from 30 to 50.
Con I " 24	H. Dobson	"	Jul. 8, 1964	4	5	15	10	"	D	Gravel 14; limestone 54. Water from 30 to 54.
Con II " 2	J. O'Connor	M. Meagher	Sep. 17, 1961	4	3	16	14	"	D,S	clay loam 8; grey limestone 45. Water at 45.
Con II " 3	S.A.# 1	"	Sep. 15, 1961	5	5	16	12	"	P	Clay loam 18; grey limestone 62. Water at 62.
Con II " 4	A. Timmins	"	Jun. 7, 1962	4	3	30	27	"	D,S	Overburden 12; limestone 94. Water at 94.
Con II " 4	"	"	Jun. 15, 1962	4	5	27	24	"	D,S	clay loam 15; limestone 56. Water at 56.
Con II " 5	E. Boyle	"	Sep. 23, 1961	5	4	14	12	"	D,S	Loam 8; grey limestone 70. Water at 70.
Con II " 6	R. Hains	Capital Water Supply	Nov. 16, 1962	5	5	53	20	"	D,S	Sand 12; blue limestone 70. Water at 68.
Con II " 11	K. Hobbs	"	Oct. 27, 1961	6	10	20	20	"	D	Sand boulders 12; clay boulders gravel 16; blue limestone 59. Water at 40 and 57.
Con II " 11	R. McClellan	F.P. Sparks	Jun. 25, 1963	4	5	20	15	"	Ir	Red sand 15; grey limestone 80. Water from 50 to 80.
Con II " 11	P. Nolan	"	May 15, 1964	4	5	12	8	"	D	Sand 12; limestone 55. Water from 40 to 55.
Con II " 24	H. Cruthers	M. McLaughlin	Aug. 3, 1962	6	20	40	15	"	D	clay boulders 11; limestone 70. Water at 58.
Con II " 24	P. Cohen	"	Nov. 14, 1962	6	10	10	18	"	D	Clay boulders 14; sandstone 75. Water at 65.
Con II " 24	Richmond Bus Lines	Capital Water Supply	Jun. 11, 1964	5	10	20	15	"	C	Limestone 47. Water at 45.
Con III " 9	B. Carland	M. McLaughlin	Apr. 23, 1963	6	10	35	14	"	D,S	clay 13; limestone 100. Water at 85.
Con III " 19	R. Thompson	Blair Phillips Drilling Co. Ltd.	Jan. 10, 1962	5	10	10	8	"	D,S	Clay 2; sand 26; grey limestone 60. Water at 60.
Con III " 20	N. Taylor	M. McLaughlin	Aug. 15, 1964	6	10	28	4	"	D	Clay loam 8; sandstone 65. Water at 60.

CARLETON COUNTY - cont.

Con	Loc	Notes	Date	Driller	Depth	Flow	Temp	Remarks
Con III	26	B. Spratt	Nov. 20, 1963	F.P. Sparks	4	5	15	Blue clay 32; grey limestone 50. Water from 35 to 50.
Con IV	6	A. Witeburg	Oct. 15, 1962	M. Mesger	4	3	16	Loam 10; limestone 75. Water at 70.
Con IV	7	J.J. Crawford	Jul. 12, 1963	J.B. Dufresne	6	2	22	Till boulders 31; rock limestone 50. Water at 45.
Con IV	8	A. Samat	Oct. 12, 1963	M. Mesger	4	3	16	Clay 11; grey limestone 52. Water at 52.
Con IV	9	C. Baccen	Sep. 10, 1962	M. McLaughlin	7	7	32	Clay 8; limestone 41. Water at 35.
Con IV	11	C. Sample	Jun. 16, 1962	F.P. Sparks	6	20	20	Clay loam 4; shale 14; limestone 75. Water at 60.
Con IV	13	P. Moore	Nov. 5, 1963	"	4	5	25	Gravel 15; limestone 85. Water from 50 to 85.
Con IV	15	D. Featherstone	Nov. 11, 1960	"	4	5	10	Red sand 15; grey limestone 57. Water at 57.
Con IV	16	A. Povilonis	Apr. 20, 1964	M. McLaughlin	6	20	30	Clay 3; limestone 65; limestone sand 100. Water at 90.
Con IV	20	R. Mains	Oct. 29, 1962	Capital Water Supply	5	10	13	Sandy gravel 11; blue black limestone 68. Water at 30 and 67.
Con IV	21	F.P. Sparks	Nov. 24, 1960	"	4	5	20	Red sand 17; grey limestone 60. Water at 60.
Con IV	22	M. Mesger	Jun. 23, 1961	"	4	4	4	Loam 13; grey limestone 58. Water at 58.
Con IV	23	F. Sparks	Aug. 30, 1962	"	4	5	10	Blue clay 35; limestone 60. Water from 45 to 60.
Con V	5	Capital Water Supply	Jun. 26, 1962	"	5	10	45	Gravelly sand 24; blue limestone 85. Water at 84.
Con V	10	F. Sparks	Sep. 15, 1960	"	4	5	35	Coarse gravel 10; grey limestone 98. Water at 98.
Con V	10	H. Thompson	Mar. 13, 1963	Capital Water Supply	5	5	45	Old well 21; blue limestone 140. Water at 90, 120 and 139.
Con V	14	A.K. Beaton	Dec. 2, 1963	J.B. Dufresne & Co. Ltd.	6			Sand 4; sandstone 210. Dry hole.
Con V	14	D. Yull	Mar. 7, 1964	Capital Water Supply	5	10	15	Sand 6; clay 15; limestone 103. Water at 100.
Con V	20	E. Myers	Feb. 26, 1964	M. McLaughlin	6	10	50	Coarse sand fine sand 49; limestone 80. Water at 75.
Con V	24	S.H. Crabb	May 18, 1961	W.J. King	4	10	107	Clay stone 50; limestone 110. Water at 110.
Con V	24	H. Crabb	Dec. 20, 1964	F.P. Sparks	4	8	10	Blue clay 67; limestone 110. Water from 90 to 110.
Con VI	3	H.J. Droeske	Oct. 22, 1963	J.B. Dufresne	6	2 1/2	100	Sand 10; clay 16; grey limestone 105. Water at 102.
Con VI	4	K. Conrad	May 1, 1960	M. McLaughlin	6	15	20	Clay 6; hard limestone 75; soft limestone 100. Water at 40.
Con VI	4	A. Leates	Apr. 30, 1963	"	6	20	35	Clay 13; limestone 75. Water at 65.
Con VI	7	J. Massey	Oct. 10, 1961	F.P. Sparks	4	5	18	Previously drilled 47; grey limestone 85. Water from 47 to 85.
Con VI	10	D. Tubman	Nov. 23, 1961	"	4	5	25	Dug well 22; grey limestone 90. Water from 75 to 90.
Con VI	13	C. Casey	Sep. 17, 1962	Capital Water Supply	5	7	45	Sand 6; blue limestone 72. Water at 70.
Con VI	14	C. Bruce	Jan. 26, 1962	"	6	10	35	Sandy gravel 18; blue limestone 76. Water at 65 and 74.
Con VI	16	H. Featherstone	Jun. 13, 1961	"	5	10	24 1/2	Loam 2; sand 4; gravel 10; soft blue grey limestone 74. Water at 50.
Con VI	18	H. Healey	Dec. 14, 1961	"	4 1/2	7	48	Previously drilled 57; blue limestone 87. Water at 85.
Con VI	19	O. McCoy	Oct. 30, 1964	"	6	10	40	Limestone 97. Water at 50 and 95.
Con VI	11	G. Macko	Jul. 4, 1963	M. McLaughlin	6	20	45	Gravel pebbles sand 16; limestone rock sand layers 140. Water at 125.
Con VI	11	H. Bobier	Aug. 27, 1963	"	6	20	24	Clay 3; limestone 75; sandstone 90. Water at 70.
Con VII	14	E. Hobbs	Nov. 2, 1962	Capital Water Supply	5	10	72	Broken rock 5; blue limestone 83. Water at 80.
Con VII	16	R. Fergus	Jul. 3, 1962	"	5	10	30	Gravelly loam 3; blue limestone 75. Water at 73.
Con VII	18	M. Featherstone	Jan. 19, 1961	Moloughney	4	6	30	Clay 6; grey limestone 80. Water at 70 and 80.
Con VII	22	D. Davis	Jan. 29, 1963	E. Sparks	4	6	50	Gravel 56; limestone 114. Water at 112.
Con VII	24	W. Seabrook	Jul. 28, 1960	F.P. Sparks	5	3 1/2	30	Previously drilled 72; grey limestone 114. Water from 90 to 114.

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY - cont.										
Goulbourn Twp. - cont.										
Con VII lot 24	F. Cathcart	F.P. Sparks	Nov.15,1964	4 1/2	5	25	20	Fresh	D,S	Previously drilled 76; limestone 108. Water at 80.
Con VIII	S.S.# 7	C. Goodberry	Jul.10,1961	6	30	30	17	"	f	Topsoil 2; sand clay 15; limestone 112. Water at 48 and 106.
Con VIII	A. McKay	M. McLaughlin	Feb.24,1962	7	20	30	15	"	D	Clay 1; limestone 115. Water at 105.
Con VIII	H. Robinson	F.P. Sparks	Nov. 8, 1961	4	5	30	15	"	D,S	Drill well 20; grey limestone 87. Water from 50 to 87.
Con VIII	A. Simpson	"	Oct.15,1962	5	20	47	39	"	D	Shale 10; grey limestone 80. Water from 60 to 80.
Con VIII	J. Tombs	"	Aug.21,1962	6	20	30	44	"	D	Clay 10; grey limestone 65. Water at 50.
Con VIII	R. Hobbs	M. McLaughlin	Mar.28,1963	4	20	35	12	"	D,S	Gravel 12; limestone 131. Water from 65 to 131.
Con VIII	D.R. Harkness	F.P. Sparks	Oct.18,1963	4	20	Flows	Flows	"	D	Clay 4; shale 9; limestone 25. Water at 14.
Con VIII	H. Belmer	D.S. Hueston	Oct.14,1963	5	12	11	11	"	D	Coarse gravel 10; grey limestone 85. Water at 56.
Con VIII	E. Cunningham	F.P. Sparks	Jun. 8, 1961	5	10	20	15	"	D	Coarse gravel 10; sand 52; grey limestone 100. Water from 65 to 100.
Con VIII	Twp. Goulbourn	"	Oct.26,1961	5	35	35	27	"	P	Previously drilled 108; limestone 138. Water from 115 to 138.
Con VIII	W. Seabrook	"	Nov.21,1964	4	5	30	25	"	D,S	Previously drilled 108; limestone 138. Water from 115 to 138.
Con IX	H. Rooney	D.S. Hueston	Oct.14,1961	4	10	50	20	"	D	Clay 3; shale 12; grey limestone 106. Water from 65 to 99.
Con IX	H. Bohler	M. McLaughlin	Apr.26,1963	6	10	30	10	"	D	Clay 1; limestone 100. Water at 90.
Con IX	A. Campbell	"	May 21, 1964	6	10	35	9	"	D	Clay loam 2; limestone sand 75. Water at 65.
Con IX	R. Sweeney	Capital Water Supply	Jul.12,1962	6	10	30	15	"	D	Clay loam 2; limestone 100. Water at 90.
Con IX	B. Simpson	"	Oct.25,1962	5	8	60	40	"	D,S	Loam 4; gravel 13; blue limestone 125. Water at 123.
Con IX	A. Simpson	F.P. Sparks	Dec. 1, 1964	5	5	12	8	"	D	Shale 10; limestone 42. Water from 30 to 42.
Con IX	G. Ramsay	"	Dec.30,1960	4	5	15	12	"	D	Red sand 12; grey limestone 48. Water at 48.
Con IX	A. Trudeau	D.S. Hueston	Aug.14,1963	4	20	74	4	"	D	Deepened well from 52; black limestone 80. Water at 70.
Con IX	C. Ramsay	F.P. Sparks	Nov.27,1960	4	6	10	6	"	D	Shaly rock 12; grey limestone 44. Water from 35 to 44.
Con IX	A. Trudeau	D.S. Hueston	Aug. 4, 1961	4	5	30	20	"	D	Clay 3; shale 5; fine gravel 7 1/2; black limestone 52. Water at 46.
Con IX	W.E. Lowry	"	Dec.14,1961	4	10	8	5	"	D	Clay 4; shale 7; grey limestone 15; black limestone 38. Water at 17 and 36.
Con IX	G.R. Smith	W.J. King	Dec.17,1960	4	5	8	8	"	D,S	Gravel 12; black shale 20; red shale 35; grey limestone 84.
Con IX	H. Scott	F.P. Sparks	Jan.17,1961	4	5	12	8	"	D	Loose rock 8; grey limestone 40. Water at 40.
Con IX	D. McDonald	"	Aug.16,1961	4	6	35	8	"	D	Clay 12; limestone 67. Water at 65.
Con IX	Taylor & King- sley	McLean Water Supply Ltd.	Jun.28,1963	6	10	40	15	"	D,S	Sand boulders 12; limestone 60. Water at 60.
Con IX	C. Switzer	D. Hueston	Dec.20,1962	5	10	4	4	"	D	Black shale 16; black limestone 38. Water at 35.
Con IX	G.R. Dourferty	F.P. Sparks	Feb.15,1961	4	5	15	10	"	D	Red sand 12; grey limestone 60. Water at 60.
Con IX	C.F. Lovett	"	Sep.29,1960	5	15	15	10	"	D	Red sand 20; grey limestone 60. Water at 60.
Con IX	D. Verhoef	Capital Water Supply	Nov. 6, 1963	5	10	27	17	"	D	Gravelly sand boulders 7; limestone 80. Water at 60 and 78.
Con IX	P. Richardson	F.P. Sparks	Jan.31,1961	4	5	20	18	"	D	Coarse gravel 25; grey limestone 65. Water at 65.
Con IX	K. Lackey	W.J. King	Apr.28,1961	5	17	14	14	"	D	Topsoil 18; grey limestone 132. Water at 132.
Con X	D. Montgomery	H. McLaughlin	Jul.13,1964	6	10	21	12	"	C	Sand loam 3; layers limestone rock gravel 20; limestone 85.
Con X	S.S.# 9	F.P. Sparks	Oct.14,1960	4	5	20	15	"	P	Water at 70; grey limestone 59. Water at 59.
Con X	Computing Devices of Can	"	Jul.15,1961	4	5	20	15	"	P	Coarse gravel 15; grey limestone 100. Water from 75 to 100.
Con X	R.W. Stephens	J.B. Dufresne	Aug.10,1961	6	17	20	5	"	D	Grey limestone 23. Water at 17.
Con X	L. Henderson	M. McLaughlin	Jul.18,1964	6	10	28	17	"	D,S	Clay 2; broken layers limestone 6; limestone 85. Water at 75.



CARLETON COUNTY - cont.  
Goulbourn Twp. - cont.

Con X	R.W.Berry	Feb. 11, 1961	4	5	14	12	Fresh	D	Boulder gravel 23½; grey limestone 96. Water at 96.
Con X	J.P.Chenier	Jan. 12, 1960	4	5	12	12	"	D	Broken rock 20; grey limestone 60. Water from 58 to 60.
Con X	"	Jan. 25, 1960	4	5	12	12	"	D	Broken rock 23; grey limestone 60. Water from 58 to 60.
Con X	K.L.Sparks	Jan. 25, 1960	4	5	10	10	"	D	Broken rock 21; grey limestone 70. Water from 68 to 70.
Con X	P.P. Sparks	Feb. 2, 1960	4	5	25	21	"	D	Gravel 10; dirt coarse sand 35; grey limestone 65. Water from 50 to 65.
Con X	"	Feb. 2, 1960	4	5	15	15	"	D	Broken rock 21½; grey limestone 58½. Water from 56 to 58½.
Con X	"	Feb. 13, 1960	4	5	10	10	"	D	Broken rock 21½; grey limestone 70. Water from 68 to 70.
Con X	K.L.Sparks	Feb. 18, 1960	4	5	18	18	"	D	Broken rock 19; grey limestone 58. Water from 56 to 58.
Con X	W. Sparks	Mar. 1, 1960	4	5	10	10	"	D	Broken rock 18½; grey limestone 61. Water from 59 to 61.
Con X	J. Sparks	Mar. 8, 1960	4	5	8	8	"	D	Broken rock 10; grey limestone 66. Water from 62 to 64.
Con X	W. Sparks	Mar. 18, 1960	4	5	8	8	"	D	Broken rock 17; grey limestone 60. Water from 58 to 60.
Con X	W.D.Moloughney	Mar. 19, 1960	4	5	20	8	"	D	Broken rock 20; grey limestone 83. Water from 81 to 83.
Con X	W. Sparks	Mar. 28, 1960	4	5	12	12	"	D	Broken rock 21½; grey limestone 60. Water from 58 to 60.
Con X	W.D.Moloughney	Mar. 29, 1960	4	5	20	12	"	D	Broken rock 18; grey limestone 70. Water from 65 to 70.
Con X	McLean Supply Ltd.	Feb. 23, 1960	5	7	14	14	"	D	Sand boulders 3½; limestone 75. Water at 75.
Con X	Hobin Homes Ltd.	Jul. 28, 1960	5	6	12	10	"	D	Sand boulders 42; grey limestone 75. Water at 75.
Con X	Sirotech Const. Co.	Aug. 30, 1960	5	20	75	15	"	C	Sand heavy gravel 29; grey limestone 75. Water at 70.
Con X	Hobin Homes	Sep. 12, 1960	5	5	20	18	"	D	Sand boulders 38; grey limestone 75. Water at 75.
Con X	McLean Water Supply Ltd.	Dec. 14, 1960	5	5	30	18	"	D	Sand boulders 34; grey limestone 75. Water at 75.
Con X	"	Jan. 7, 1961	5	10	22	18	"	D	Sand boulders 39; grey limestone 75. Water at 75.
Con X	"	Jan. 18, 1961	5	10	31	22	"	D	Sand 35; limestone 75. Water at 75.
Con X	"	Jan. 2, 1962	5	5	30	22	"	D	Silt 10; silt boulders 13; grey limestone 64. Water at 64.
Con X	"	Jan. 15, 1962	5	5	30	22	"	D	Silt 9; boulders silt 19; grey limestone 65. Water at 65.
Con X	"	Jan. 22, 1962	5	5	30	22	"	D	Silt boulders 19; grey limestone 65. Water at 65.
Con X	"	Feb. 1, 1962	4	5	30	22	"	D	Silt 20; boulders silt 35; broken limestone 36; grey limestone 35. Water at 64.
Con X	"	Nov. 13, 1962	6	8	20	5	"	D	Sand gravel 21½; limestone 60. Water at 60.
Con X	"	Nov. 13, 1962	6	8	25	15	"	D	Sand gravel 21½; limestone 60. Water at 60.
Con X	"	Jan. 3, 1963	6	7	23	20	"	D	Sand gravel 33; limestone 100. Water at 95.
Con X	"	Jan. 4, 1963	6	10	20	10	"	D	Sand gravel 35; limestone 60. Water at 60.
Con XI	P.P. Sparks	May 12, 1960	4	5	15	10	"	D	Loose rock 1; grey limestone 30. Water at 30.
Con XI	J. Jabour	Jun. 3, 1962	4	5	15	10	"	D	Gravel 12½; limestone 40. Water from 30 to 40.
Con XI	Stittsville Lumber Co.	Apr. 16, 1960	5	5	20	15	"	P	Coarse gravel 10; dirt sand 17; grey limestone 75. Water at 75.
Con XI	G. Gracey	Jun. 28, 1960	5	5	15	12	"	D	Red sand 20; grey limestone 78. Water at 76.
Con XI	Stittsville Lumber Co.	Jul. 19, 1960	4	5	12	11	"	D	Sand boulders gravel 26; limestone 63. Water at 63.
Con XI	"	Aug. 9, 1960	4	5	19	17	"	D	Sand boulders gravel 28; limestone 75. Water at 75.
Con XI	"	Sep. 22, 1960	4	5	17	16	"	D	Gravel sand 32; grey limestone 76. Water at 76.
Con XI	"	Nov. 2, 1960	4	5	17	12	"	D	Boulders gravel 18; grey limestone 60. Water at 60.
Con XI	Hobin House	Dec. 19, 1960	5	10	18	18	"	D	Sand boulders 30; grey limestone 75. Water at 75.
Con XI	Stittsville Supply Ltd.	Jan. 26, 1961	4	7	19	17	"	D	Sand gravel boulders 31; grey limestone 73. Water at 73.
Con XI	W.J. King	Jun. 9, 1960	5	5	15	12	"	D	Sandy loam 12; grey limestone 75. Water at 75.

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# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLTON COUNTY - cont. Goulbourn Twp. - cont.										
Con XI lot 25	R.W. Berry	McLean Water Supply Ltd.	Oct. 18, 1962	6	2	80	20	Fresh	D	Limestone 113. Water at 113.
Con XI " 25	"	Capital Water Supply	Dec. 13, 1963	5	2	40	11	"	D	Blue limestone 60. Water at 58.
Con XI " 26	J. Hammond	M. McLaughlin	Sep. 13, 1960	6	10	40	20	"	D	Gravel boulders 15; limestone 90; sandstone 100. Water at 95.
Con XI " 29	Bell Telephone Co.	Capital Water Supply	Jun. 19, 1963	5	25	23	5	"	C	Hardpan boulders 18; blue limestone 100. Water at 70 and 98.
Con XI " 29	M. Green	P.P. Sparks	Jul. 14, 1960	4	3 1/2	20		"	P	Blue clay 32; grey limestone 67. Water at 65.
Con XI " 30	C. Unsworth	Moloughney Well Drilling	Sep. 25, 1963	4	8	60	20	"	D	Silt 15; sandstone 95. Water from 90 to 95.
Con XI " 31	N. Thomas	B.E. Sparks	Dec. 29, 1960	4	6	50	35	"	D	Fill 10; sandstone 85. Water at 84.
Con XI " 32	Bute-Ross & Associates	F.E. Johnston Drilling Co. Ltd.	Jul. 30, 1962	10	300	79	47	"	P	Sandy loam boulders 8; grey limestone 78; whitish brown sandstone 280; hard grey sandstone 340; whitish brown sandstone 415. Water at 47, 180, 260 and from 340 to 415.
Con XII " 4	M. Vallilée	M. McLaughlin	Jul. 14, 1962	6	10	32	18	"	D	Layers broken limestone 6; limestone 110. Water at 92.
Con XII " 15	G. Bissou	Capital Water Supply	Dec. 30, 1961	6	6	40	2	"	C	Hard black limestone 12; brownish blue limestone 150. Water from 40 to 145.
Con XII " 19	M. Hueston	P.P. Sparks	May 27, 1964	4	5	15	10	"	D	Sand 15; limestone 48. Water from 30 to 48.
Con XII " 21	G. Tompkins	"	Jun. 2, 1964	4	5	12	8	"	D	Sand 12; limestone 53. Water from 40 to 53.
Con XII " 21	R. Brown	"	Aug. 25, 1960	5	3 1/2	40	15	"	D, S	Gravel 8; grey limestone 100. Water from 80 to 100.
Con XII " 21	"	"	Sep. 2, 1960	5	5	20	15	"	D, S	Coarse gravel 1; grey limestone 85. Water at 85.
Con XII " 23	P. Latimer	C. Dufresne	May 12, 1960	2	4	22	14	"	D	Gravel boulders 40; limestone 81. Water at 81.
Con XII " 23	R. Swords	F.P. Sparks	May 7, 1960	2	3	22	14	"	D	Sand boulder 38; sandstone 58. Water at 58.
Con XII " 23	J. Lamb	"	Aug. 15, 1960	4	3 1/2	35	12	"	D	Gravel 42; grey limestone 81. Water from 60 to 81.
Con XII " 23	R.W. Berry	W.J. King	Oct. 28, 1960	4	5	40	30	"	D	Gravel 40; grey limestone 82. Water at 82.
Con XII " 23	M. Berry	M. McLaughlin	Mar. 9, 1961	4	5	20	18	"	D	Sand gravel 4; limestone 184. Water at 184.
Con XII " 23	M. Frice	"	Aug. 8, 1962	6	10	40	15	"	D	Gravel sand 4; limestone 80. Water at 70.
Con XII " 23	J. Meredith	D.S. Hueston	Sep. 7, 1962	4	10	9	8	"	D	Shale 1; grey sand 3; black limestone 48 1/2. Water at 46.
Con XII " 23	E.D. Hickey	"	Jun. 27, 1963	4	7 1/2	20	16	"	D	Gravel 6; sand 10; shale 25; sand 35; limestone 38; sand 46; black limestone 75. Water at 70.
Con XII " 25	E. MacKellan	McLean Water Supply Ltd.	Aug. 30, 1962	7	3	100	10	Sulphur	D	Loam 5; limestone 120. Water at 120.
Con XII " 28	Y. Elmborg	F.P. Sparks	Jun. 14, 1960	5	6	30	10	Fresh	In	Blue clay 35; grey limestone 125. Water at 125.
Con XII " 30	C. Brown	F.E. Johnston Drilling Co. Ltd.	Oct. 13, 1960	5	5	72	26	"	D	Brown clay stones 12; hard sandstone 86. Water at 48, 78 and 82.
Con XII " 30	R.G. Wilson	McLean Water Supply Ltd.	Nov. 30, 1960	4	8	58	42	"	D	Sandy loam boulders 12; grey sandstone 86. Water at 44.
Con XII " 30	H.I. Watts	"	Apr. 24, 1961	6	7	70	8	"	D	Sand 6; sandstone 78. Water at 78.
Con XII " 31	St. Paul's Anglican Church	McLaughlin M. Co.	Nov. 5, 1961	6	5	29	18	"	P	Clay loam stones 10; sandstone 48. Water at 40.
Con XII " 32	Bushnell TV. Co.	J.B. Dufresne Ltd.	Dec. 22, 1960	2	4	70	30	"	P	Grey limestone 30; sandstone 127. Water at 123.
Con XII " 32	H. Reid	"	Apr. 11, 1961	2	6	20	3	"	D	Blue clay 6; sandstone 77. Water at 70.
Con XII " 32	E. Kausch	M. McLaughlin	Oct. 28, 1964	6	10	60	33	"	D	Sand loam 5; layers sandstone limestone 110. Water at 80.
Con XII " 33	N. Vanden	W.E. Sparks	Sep. 22, 1960	4	5	40	10	"	D	Clay loam 17; grey limestone 61. Water from 59 to 61.
Con XII " 33	Hanenbergs	M. McLaughlin	Oct. 8, 1960	6	20	40	24	"	D	Sandy loam 5; sandstone 100. Water at 80.

## CARLETON COUNTY- cont.

Con I	lot 2	W. Roe	McLean Water Supply Ltd.	Oct. 19, 1962	6	7	40	20	Sulphur	D, S	
Con I	" 5	D. Davidson	M. McLaughlin	Jun. 30, 1962	6	15	75	30	Fresh	D	Clay 40; fine sand 58; large gravel 61; limestone 69. Water from 58 to 69.
Con I	" 6	C. Moore	"	Nov. 7, 1962	6	10	40	24	"	D, S	Clay 15; gravel 30; sand gravel 40; quicksand 55; limestone 105; sandstone 125. Water at 100.
Con I	" 8	E. Whyte	M. Meagher	Jul. 18, 1963	4	5	Flows	Flows	"	D, S	Clay boulders 20; gravel 40; quicksand 58; limestone 120. Water at 98.
Con I	" 12	E. Honeywell	"	Jul. 25, 1963	4	3	40	32	"	D, S	Previously drilled 80; limestone 217. Water at 217.
Con I	" 14	R. Clarey	Capital Water Supply	Mar. 7, 1962	4	7	95	27	"	D	Clay 16; limestone 82. Water at 80.
Con I	" 14	F. Muldoon	"	Mar. 23, 1962	5	5	100	23	"	D, S	Clay 25; sand gravel boulders 41; rotten granite 130. Water at 60 and 125.
Con I	" 14	G. Beckley	"	Apr. 11, 1963	5	5	70	10	"	D	Clay boulders 18; red black soft granite 150. Water at 60, 110, 190 and 148.
Con I	" 15	M. Falls	M. Meagher	Sep. 26, 1964	5	5	30	24	"	D	Gravel boulders 6; granite 134. Water at 90 and 133.
Con I	" 15	Dr. A. Sidlauskas	Capital Water Supply	Jun. 18, 1964	6	14	59	20	"	P	Clay loam 30; limestone 80. Water at 75.
Con II	" 1	Gomme Constr. Co.	McLean Water Supply Ltd.	Sep. 8, 1960	5	5	46	37	"	D	Loam boulders 6; granite 145. Water at 94, 132, and 144.
Con II	" 1	R. Moore	M. McLaughlin	Jul. 19, 1961	6	20	70	35	"	D	Coarse sand 50. Water at 50.
Con II	" 1	C. Cameron	D.W. Hueston	Sep. 27, 1961	5	15	55	12	"	D	Sand gravel 35; limestone 95. Water at 75.
Con II	" 1	E. Barr	"	Feb. 24, 1962	5	10	14	12	"	D	Gravel boulders 20; quicksand limestone shale 36; black limestone 55. Water at 53.
Con II	" 2	E. Richard	F.P. Sparks	May 10, 1960	4	3	25	12	"	D	Gravel 15; fired sand 26; coarse gravel 33. Water at 33.
Con II	" 7	O. Wilson	"	Feb. 9, 1961	4	5	20	15	"	D	Red loam 15; grey hardpan 20; grey limestone 64. Water at 64.
Con II	" 10	E. Ragsdale	K.L. Sparks	Mar. 18, 1960	4	5	21	20	"	D	Clay loam 4; grey limestone 180. Water from 178 to 180.
Con II	" 10	A. Weigut	B.E. Sparks	Apr. 30, 1962	4	5	18	16	"	D	Clay 2; limestone 120. Water at 120.
Con II	" 11	L. Daegle	W.E. Sparks	May 2, 1961	4	5	20	10	"	D	Clay loam 14; grey limestone 100. Water from 98 to 100.
Con II	" 11	L. Samie	B.E. Sparks	May 23, 1962	4 1/2	5	55	20	"	D	Previously drilled 70; limestone 130. Water at 125.
Con II	" 11	L. Druego	A. Stanton	Jun. 3, 1964	6	8	90	20	"	D	Loam 4; grey limestone 105. Water at 71 and 105.
Con II	" 14	K. Brodersen	J.B. Dufresne & Co. Ltd.	Aug. 28, 1963	3	4	80	45	"	D	Clay sand 14 1/2; limestone 152. Water at 152.
Con II	" 14	J. Burke	Capital Water Supply	Feb. 18, 1964	5	8	40	24	"	D	Clay sand 14 1/2; limestone 152. Water at 152.
Con II	" 18	Cays Flour	J.B. Dufresne Co. Ltd.	Mar. 17, 1960	6	17	80	10	"	In	Sand 10; clay 25; gravel 29; sandstone 90; limestone 108. Water at 107.
Con II	" 18	M.C. Robertson	"	Dec. 9, 1961	6	8	40	5	"	D	Sand 10; clay 35; sand fine gravel 82. Water at 72.
Con II	" 18	E.F. Johnson	"	Mar. 11, 1962	6	8	50	13	"	D	Clay 30; clay sand 40; sand gravel 60; gravel 64. Water at 64.
Con II	" 18	P. Bayliss	Capital Water Supply	May 7, 1962	5	10	24	24	"	D	Clay 20; yellow sand 60; gravel 64. Water at 91.
Con II	" 18	M. Irvin	A. Stanton	Dec. 20, 1962	6	19	10	7 1/2	"	D	Sand 10; clay 35; sand fine gravel 82. Water at 72.
Con II	" 18	Masons Carle- ton Lodge	J.B. Dufresne	May 17, 1963	6	17	25	10	"	P	Coarse sand 70; fine sand 85. Water at 85.
Con II	" 18	St. Paul's United Church	"	Nov. 25, 1963	6	17	82	14	"	P	Clay 15; sand gravel 23; gravel 27. Water from 25 to 27.
Con II	" 19	D. Baird	A. Stanton	Sep. 29, 1964	6	15	92	76	"	P	Clay 40; sand 75; gravel 106. Water at 104.
Con III	" 1	M. Young	Capital Water Supply	Nov. 30, 1962	5	10	45	40	"	D	Blue clay 10; fine sand 120; grey limestone 233. Water at 193 and 230.
Con III	" 1	D. Rothwell	"	Jul. 10, 1963	6 1/2	10	53	35	"	D	Gravel boulders 6; sand 36; blue limestone 95. Water at 70 and 94.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY - cont.										
Huntley Twp. - cont.										
Con III	E. A. Gracey	F.P. Sparks	Jun. 16, 1964	5	5	38	32	Fresh	D	Coarse gravel 12;sand 39;limestone 90. Water from 65 to 90.
Con III	F. Allen	D.S. Hueston	Oct. 26, 1962	4	4	35	30	Sulphur	D	Clay boulders 12;blue clay quicksand 50;quicksand 56;grey limestone 70. Water at 68.
Con III	"	M. McLaughlin	Jun. 4, 1963	6	7	80	26	Fresh	D	Gravel boulders 56;limestone 125. Water at 115.
Con III	O. Johnston	F.P. Sparks	Apr. 25, 1961	4	5	18	15	"	D	Gravel 22;grey limestone 65. Water from 55 to 65.
Con III	R. Lovette	"	Nov. 8, 1963	4	5	25	20	"	D	Loose gravel 42;grey limestone 54. Water from 42 to 54.
Con III	E. Rump	"	May 19, 1961	4	5	15	10	"	D	Sand 12;grey limestone 40. Water from 25 to 40.
Con III	W. Levere	F.R. Cossette	Jul. 21, 1960	3	12	20	15	"	D	Sand gravel 34;grey limestone 80. Water at 80.
Con III	G. Richardson	F.P. Sparks	Mar. 25, 1961	4	5	20	15	"	D	Red sand 38;grey limestone 82. Water at 82.
Con III	H. Diego	W.E. Sparks	Feb. 28, 1961	4	5	25	20	"	D	Clay 61;limestone 127. Water at 125.
Con III	G. Enclish	B.E. Sparks	May 5, 1962	4	6	35	16	"	D	Shale 12;grey limestone 108. Water at 7 and 108.
Con III	W. Strong	A. Stanton	Sep. 3, 1964	6	6	90	23	"	D	Clay loam 56;grey limestone 96. Water from 94 to 96.
Con III	Presbyterian Cemetery	W.M.E. Sparks	Sep. 5, 1960	4	3	14	12	"	Ir	
Con III	Bradley	F.P. Sparks	Jun. 21, 1962	4	10	20	Flows	"	P	Blue clay 40;gravel 50;hardpan 60;limestone 96. Water from 70 to 96.
Con III	Playing School									
Con III	McCallum	McLean Water Supply Ltd.	Nov. 23, 1962	6	12	52	27	Sulphur	D,S	Clay 80;sand 85;gravel 92. Water at 92.
Con III	Poultry Farm	J.B. Dufresne	Jul. 15, 1960	6	1	90	15	Fresh	D	Clay 75;sandy clay 94;granite 99. Water at 96.
Con III	J. Thomas	Capital Water	Nov. 22, 1961	5	7	43	29	"	D	Sand 15;gravel 16;sand 70;coarse sand 85. Water at 85.
Con III	V. Baird									
Con III	G. Richardson	M. Meagher	Nov. 16, 1962	5	3	60	52	"	D	Clay 43;limestone 97. Water at 95.
Con III	P. McBride	J.B. Dufresne & Co	Sep. 16, 1964	6	24	100	50	"	D,S	Clay 60;hardpan 118;grey limestone 180. Water at 175.
Con III	Ont. Dept. Nat. Defence	International Water Supply	Feb. 20, 1960	10	250	18	12	"	T	Topsoil 12;clay 45;silty clay 63;sand 70;silty clay sand 94;sand 98;coarse sand gravel boulders 124;sand. Water at 94.
Con III	R. Moore	D.O. Machardy	Jul. 8, 1960	5	5	55	50	"	D	Red sand 5;hardpan 50;fine gravel sand 85;gravel 90. Water at 90.
Con III	R.U. Finney	J.B. Dufresne & Co.	Sep. 24, 1962	3	5	85	53	"	D	Gravel boulders 92;grey limestone 102. Water at 102.
Con III	Ont. Dept. Nat. Defence	International Water Supply	Jan. 14, 1960	10	250	15	11	"	T	Topsoil 1;grey clay 15;soft silty blue clay 53;soft brown clay 72;brownish clay silty sand 87;packed sand gravel boulders 100;coarse sand gravel boulders 129;sand gravel. Water at 87.
Con III	G. Asleford	A. Stanton	Dec. 5, 1962	6	6	85	80	"	D	Fine sand 80;coarse sand 111. Water at 100.
Con III	Nat. Dept. of National Defence	J.B. Dufresne Co. Ltd.	Aug. 21, 1963	6	9	55	40	"	P	Clay 45;sand 55;gravel 62. Water at 62.
Con III	C. Humphreys	"	Jul. 25, 1963	6	80	80	25	"	D	Clay 10;gravel sand 20;red granite 115. Water at 110.
Con IV	C. Clark	B. Sparks	Dec. 20, 1962	4	6	35	1	Sulphur	S	Gravel 3;limestone 104. Water at 103.
Con IV	O. Johnston	F.P. Sparks	May 10, 1961	4	3	22	18	Fresh	D	Coarse gravel 10;coarse sand 22;grey limestone 74. Water from 60 to 74.
Con IV	G. MacLaurin	A. Stanton	Jul. 13, 1962	6	20	40	18	"	D	Sand 4;grey limestone 63. Water at 60.
Con IV	M. Baird	K. Presley	Mar. 5, 1960	5				"	D	Limestone 90;limestone 400. Dry hole.
Con IV	"	J.B. Dufresne Co. Ltd.	Nov. 23, 1960	6				"	D	Clay 14;grey limestone 240. Dry hole.
Con IV	P. Bennett	"	Jun. 7, 1963	6	1/2	220	20	Fresh	D	Clay 120;rock limestone 220. Water at 218.
Con V	R. Manchester	F.P. Sparks	Jan. 9, 1963	4	5	40	15	"	D,S	Shale 10;limestone 92. Water at 90.
Con V	A. Caldwell	M. McLaughlin	Sep. 10, 1963	6	10	55	20	"	D	Gravel pebbles sand 11;clay 38;limestone 100. Water at 80.
Con V	Ont. Dept. of Highways	A. Stanton	Aug. 26, 1964	6	12	85	6	Sulphur	P	Sand 10;blue clay 21;sand stones 30;grey limestone 298. Water at 78, 189 and 298.

CARLETON COUNTY - cont.

Huntley Twp. - cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CABLETON COUNTY - cont.										
Marsh Twp. - cont.										
Con I	W. Richardson	M. McLaughlin	Feb. 15, 1961	6			20	Fresh	D, S	Clay loam 40; sandstone 250; granite 295. Water at 290.
Con I		"	Jun. 22, 1962	6	3	85	20	"	D, S	Clay loam 10; sandstone 120. Water at 80.
Con I	H. Richardson	W.M.E. Sparks	Dec. 8, 1960	4	5	18	12	"	D	Well deepened 2; sandstone 40. Water from 38 to 40.
Con I	T. Carroll	A. Stanton	Apr. 5, 1960	5	10	32	10	"	D	Clay 65; sand 69; red granite 132. Water at 78, 95 and 130.
Con II	L. Winch	McLean Water Supply Ltd.	Apr. 25, 1961	6	15	80	16	"	D	Sand 14; sandstone 97. Water at 97.
Con II	A.E. Fentiman	J.B. Dufresne Co. Ltd.	Jun. 12, 1963	6	6	185	45	"	D	Rock grey granite 185. Water at 183.
Con II	J. Burke	P.R. Cossette	Mar. 15, 1961	2	4	30	3	"	D	Sandy clay 1; grey granite 84. Water at 84.
Con II	"	"	Aug. 20, 1963	2	6	25	7	"	D	Grey granite 77. Water at 77.
Con II	"	Capital Water Supply	Dec. 14, 1964	5	6	60	23	"	D	Clay 3; granite 106. Water at 105.
Con II	W. Fyke	W.M.E. Sparks	Nov. 7, 1961	4	5	20	20	"	D	Clay loam 21; granite 46. Water from 44 to 46.
Con II	P. Cunningham	D. MacHardy	Aug. 8, 1961	5	23	23	12	"	D	Loam stones 6; hardpan 32; sandstone 65. Water at 40 and 63.
Con II	T. Carroll	A. Stanton	May 16, 1961	6	15	28	5	"	D	Loam 10; hardpan stones 30; grey limestone 64. Water at 51 and 62.
Con II	B.V. Vance	B.E. Sparks	Mar. 20, 1961	4	6	22	8	"	D	Brown clay 2; blue clay 14; sandstone 56. Water at 55.
Con II	R. Labelle	D. MacHardy	Jul. 17, 1961	5	10	12	8	"	D	Brown clay 5; blue clay 20; hardpan 23; grey limestone 49. Water at 49.
Con II	D. Dolan	"	May 15, 1962	4	10	20	8	"	D	Sand 3; sandstone 40. Water at 40.
Con II	W. Humphries	M. McLaughlin	Sep. 3, 1962	6	10	70	30	"	D	Clay 40; quicksand 65; coarse sand pebbles 80. Water at 60.
Con II	C. Foley	W.M.E. Sparks	May 31, 1961	4	8	12	Flows	"	D	Clay loam 30; grey limestone 76. Water from 74 to 76.
Con III	March Ridge Development	McLean Water Supply Ltd.	Mar. 20, 1964	10	100	66	30	"	P	Loam 2; hard yellow sandstone 140; soft white sandstone 185; broken red granite sandstone 205; hard red granite 220. Water from 80 to 205.
Con III	"	"	Mar. 25, 1963	6	150	40	40	"	P	Loam 2; white sandstone 4; grey sandstone 70; shaly sandstone 72; grey sandstone 88; yellow sandstone 114; white sandstone 180; soft granite 206; hard granite 217; soft granite 220. Water from 70 to 80, 100 to 114, 114 to 220.
Con III	A. Overton	M. Meagher	Feb. 6, 1960	5	5	100	12	"	D	Clay 160; sand 210; gravel 210. Water at 214.
Con III	G. Haining	Capital Water Supply	Feb. 14, 1961	4	10	30	30	"	D	Clay 20; gravel 22; grey limestone 80. Water at 80.
Con III	C. Burke	"	May 28, 1964	5	10	12	11	"	D	Loam 2; granite 56. Water at 55.
Con III	L. Peiland	P.R. Cossette	Sep. 3, 1960	2	3	45	18	"	D	Clay 3; sandstone 23. Water at 54.
Con III	E. Sabella	"	Oct. 20, 1960	2	4	40	16	"	D	Clay 3; sandstone 51. Water at 51.
Con III	B. Widdows	M. Meagher	Apr. 4, 1961	4	8	3	13	"	D	Hard grey limestone 60. Water at 60.
Con III	J. Bourne	"	Oct. 9, 1964	4	5	16	16	"	D	Loam 10; limestone 46. Water at 46.
Con III	D. Younghusband	McLean Water Supply Ltd.	May 23, 1963	6	5	40	15	"	D	Clay broken rock 12; limestone 38; sandstone 60. Water at 60.
Con III	G. Tucker	W.M.E. Sparks	Jul. 18, 1961	4	5	30	10	"	D	Clay loam 13; grey limestone 75. Water from 73 to 75.
Con III	J. McKen	P.R. Cossette	Sep. 17, 1960	2	12	30	9	"	D	Clay 1; sandstone 60. Water at 60.
Con III	A. Woodroffe	M. Meagher	Sep. 17, 1964	4	3	16	14	"	D	Limestone 65. Water at 63.
Con III	J.C. Murphy	W.M.E. Sparks	Aug. 21, 1964	4	5	29	29	"	D	Sandstone 68. Water from 66 to 68.
Con III	V. Murphy	"	Aug. 26, 1960	4	5	17	12	"	D	Sandstone 60. Water from 58 to 60.
Con III	P. Woodruffe	B. Sparks	Jun. 20, 1961	4	3	30	Flows	"	D	Clay 25; sandstone 49. Water at 47.
Con III	J. Coyette	P.R. Cossette	Apr. 30, 1960	4	4	20	21	"	D	Clay 4; sandstone 54. Water at 54.
Con III	H. Kingbury	"	Oct. 1, 1960	2	4	25	11	"	D	Clay 7; sandstone 55. Water at 55.
Con III	H. Monaghan	M. Meagher	Oct. 3, 1960	2	8	25	11	"	D	Clay loam 4; limestone 50. Water at 50.
Con III	Carp Flour Mills	J.B. Dufresne Co. Ltd.	Jul. 3, 1963	4	12	10	10	"	D, S	Blue clay 15; sand gravel 20. Water at 20.
Con III	"	"	Feb. 21, 1963	6	17	19	5	"	D	



## CARLETON COUNTY - cont.

March Twp. - cont.

[illegible]

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLTON COUNTY - cont.									
Marlborough Twp.									
lot 1	Ont. Dept of Lands & Forests	I. Silmer & Sons	Jan. 13, 1960	5	15	50	1	Fresh	Sand 3; clay 70; limestone 127. Water at 127.
BP	Stewart Bros. Dairy Ltd.	J.B. Dufresne	Jul. 10, 1963	6	30	115	13	"	Sand 20; gravel sand 28; limestone 115. Water at 30, 90 and 110.
BP	H. Crawford	N. Lackie	May 16, 1961	5	10	12	8	"	Stones gravel 25; grey limestone 52. Water at 52.
BP	C. Wiggins	"	Oct. 25, 1960	5	8	13	13	"	Dug well 13; limestone 32. Water at 32.
BP	E. Shannon	"	Dec. 30, 1961	5	10	22	22	"	Blue clay 33; white limestone 48. Water at 33.
BP	F. R. Patterson	"	Jul. 25, 1962	5	10	13	Flows	"	Blue clay 40; grey limestone 50; limestone 63. Water at 63.
BP	L. Orr	"	Nov. 10, 1960	5	10	25	18	"	Blue clay 40; grey limestone 52. Water at 52.
Con I	W. McNaughton	"	Oct. 4, 1962	5	10	10	8	"	Blue clay 59; limestone 62. Water at 62.
Con I	H. Crawford	"	Jun. 3, 1960	5	10	20	6	"	Clay 11 1/2; limestone 54. Water at 54.
Con I	G. Jackson	R.H. Miller	Aug. 23, 1961	2	20	5	Flows	"	Clay boulders 19; grey limestone 109. Water at 109.
Con I	J. Moffatt	N. Lackie	Oct. 24, 1963	6	10	30	18	"	Blue clay 25; gravel stones 51. Water at 51.
Con II	R. H. Miller	"	Dec. 5, 1960	2	12	15	6	"	Red sand; grey shale 42. Water at 42.
Con II	R. H. Miller	"	Oct. 5, 1960	2	12	15	6	"	Sandy loam 4; grey limestone 107. Water at 107.
Con III	H. Renz	"	Mar. 11, 1961	2	3	20	17	"	Sand clay boulders cemented 30; limestone 98. Water at 90.
Con III	W. Lencard	R.H. Casselman	Dec. 17, 1963	5	17	45	12	"	Topsoil 2; boulders sand gravel 19; grey limestone 95. Water at 95.
Con III	D. Ross	F.R. Cossette	Aug. 14, 1964	2	12	30	20	"	Sand boulders 52; limestone 105. Water at 105.
Con IV	W. Warren	C. Dufresne	Apr. 12, 1960	2	3	25	15	"	Old dug well 20; large boulders 23; grey shale 51. Water at 51.
Con IV	F. Fennel	R.H. Miller	Oct. 27, 1960	2	7	24	20	"	Sandy loam 9; grey limestone 40. Water at 40.
Con IV	P.O. Grady	N. Lackie	Nov. 30, 1960	8	10	29	29	"	Clay boulders 48; gravel 50. Water at 50.
Con V	McAulley Bros.	M. Meagher	Aug. 16, 1961	4	3	24	20	"	Hardpan large boulders 48; limestone shale 106. Water at 106.
Con V	E. Wright	R.H. Miller	Jul. 23, 1963	2	10	18	14	"	Hardpan boulders 37; blue limestone 145. Water at 143.
Con V	V. Hodges	Capital Water Supply	Mar. 18, 1964	5	10	11	10	"	Hardpan large boulders 37; soft grey limestone 76. Water at 70.
Con V	H. Gray	R.H. Miller	Mar. 7, 1960	2	9	15	12	"	Clay boulders 28; gravel 39; grey limestone 47. Water at 47.
Con V	L. Bradley	M. Meagher	Mar. 27, 1961	4	3 1/2	7	7	"	Blue clay 3; grey limestone 103. Water at 100.
Con V	C. Perkins	J.B. Dufresne Co. Ltd.	May 1, 1961	2	7	10	2	"	Clay 47; limestone 94. Water at 94.
Con VI	A. Armstrong	M. Meagher	Feb. 12, 1962	4	6	18	10	"	Sandy loam 10; limestone 35. Water at 33.
Con VI	R. Wilson	P.P. Sparks	Oct. 17, 1963	4	5	15	10	"	Sandy loam boulders 15; soft limestone 120; hard limestone 188. Water at 188.
Con VI	E. Burke	H.H. Miller	Aug. 26, 1963	2	15	18	16	"	Sandy loam 41; grey limestone 94. Water at 94.
Con VI	Z. DeNiet	"	May 26, 1961	2	8	15	15	"	Old well 21; soft grey shale 166. Water at 166.
Con VI	L. James	"	May 21, 1963	2	4	19	15	"	Shale limestone 4; grey limestone 154; white sandstone 165. Water from 159 to 165.
Con VI	P. Bleisteiner	J.B. Dufresne Co. Ltd.	Jul. 26, 1961	2	7	25	12	"	Red clay 2; grey limestone 112. Water at 100.
Con VI	J. Menton	N. Lackie	Aug. 25, 1963	5	5	60	19	"	Clay loam 1; grey limestone 154. Water at 154.
Con VII	D. Moore	M. Meagher	Sep. 5, 1961	3	5	30	14	"	Sandy loam; soft grey shale 106. Water at 106.
Con VII	N. Disselburger	R.H. Miller	May 20, 1963	2	6	38	2	"	Clay boulders 0; grey limestone 40. Water at 40.
Con VII	W. Baldwin	M. Meagher	May 12, 1961	2	3	32	28	"	Clay 1; boulder silt 4; grey limestone 112. Water at 100.
Con VIII	M. Todd	Moloughney	Apr. 20, 1961	5	5	60	30	"	and 11.
Con VIII	D. Smart	P.P. Sparks	Aug. 4, 1962	5	5	25	20	"	Gravel 30; hardpan 40; limestone 97. Water from 65 to 97.
Con VIII	K. Clark	Capital Water Supply	Nov. 8, 1962	5	10	32	20	"	Sand boulders 11; blue limestone 107. Water at 105.
Con IX	E. McCurdy	M. Meagher	Jun. 17, 1961	4	3	24	20	"	Stony loam 25; grey limestone 65. Water at 65.





# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY - cont.										
Nepean Twp. - cont.										
CP Con I " 12	A.Hopewell	W.M.E.Sparks	Aug. 5, 1961	4	5	16	16	Fresh	D	Clay loam 19; grey limestone 60. Water from 58 to 60.
OF Con I " 12	E. Scharfe	Blair Phillips Drilling Co.Ltd.	Mar.13, 1962	4	10	20	20	"	D	Clay 20; sand 45; gravel 50; grey limestone 90. Water at 80.
OF Con I " 12	W. Kavanagh	M. Neegher	Jul. 30, 1963	4	4	13	15	"	D	Clay 12; limestone 50. Water at 50.
OF Con I " 13	Finlay Bros.	McLean Water	Mar. 23, 1960	5	6	40	10	"	D	Clay 46; limestone 96. Water at 96.
CP Con I " 13	Dr. J.A.Beggs	J.S.Dufresne Co.	Sep. 16, 1960	6	100	20	20	"	D	Coarse sand coarse gravel 60. Water at 60.
OF Con I " 13	W. Bovin	J.S.Dufresne Co.	Jun. 21, 1961	2	3	30	13	"	D	Blue clay 60; grey limestone 130. Water at 127.
OF Con I " 13	Hinto Constr. Co.	McLean Water Supply Ltd.	Apr. 7, 1961	10	265	170	6	"	P	Blue clay 41; grey limestone 170; sandstone 265. Water at 265.
OF Con I " 15	J. Haw	F.R. Cossette	Jul. 22, 1963	2	12	25	13	"	D	Old dug well 42; sand 86; gravel 87. Water at 87.
OF Con I " 16	P. Dent	L.R. Cossette	Jun. 20, 1961	3	20	10	Flows	"	D	Sand 60; gravel 59; boulder gravel 72. Water from 69 to 72.
OF Con I " 16	A.G. Ryan	L.R. Cossette	Jun. 30, 1964	4	15	5	5	"	D	Clay 18; sand 57; gravel 62. Water at 62.
OF Con I " 17	J. Cadieux	E.E. Sparks	Jul. 22, 1960	4	6	24	18	"	C	Rock fill 20; sandy clay 88; limestone 140. Water at 125.
OF Con I " 17	M. Merritt	J.B. Dufresne Co.	Sep. 6, 1960	4	5	45	35	"	D	Blue clay 73; grey limestone 117. Water at 110.
OF Con II " 2	Ont. Dept. of Nat. Defence	"	Mar. 18, 1960	6	8	50	17	"	P	Sandstone 55. Water at 53.
OF Con II " 5	Teron Constr. Ottawa	"	Nov. 18, 1960	2	2 1/2	35	20	"	C	Sandstone 141. Water at 130.
OF Con II " 8	Hodgins's Lumber	M. McLaughlin	Jul. 14, 1961	6	15	15	13	"	C	Clay loam 28; sandstone 45. Water at 38.
OF Con II " 9	Carleton Culvert Co.Ltd	McLean Water Supply Ltd.	Nov. 22, 1960	5	7	25	15	"	D	Blue clay 51; sandstone 85. Water at 85.
OF Con II " 10	C. Moody	M. McLaughlin	Jul. 4, 1960	6	15	35	16	"	D	Clay 23; sandstone 75. Water at 60.
OF Con II " 10	R.H. Switzer	Capital Water Supply	Apr. 18, 1962	5	10	37	16	"	S	Clay 35; sandstone 90. Water at 60, 75 and 89.
OF Con II " 12	R. Fitzgerald	F.R. Cossette	Aug. 25, 1960	2	3	50	28	"	D	Blue clay 18; boulders gravel 22; sandstone 138. Water at 136.
OF Con II " 12	J. Steenbakkers	V. Cossette	Jul. 10, 1963	2	4	68	41	"	D	Previously drilled 45; sandstone 128. Water at 126.
OF Con II " 13	Computing Dev- ices of Can.	McLean Water Supply Ltd.	May 27, 1960	6 1/2	87	42	10	"	In	Blue clay 39; sandstone 218. Water at 218.
OF Con II " 14	National Cap- ital Comm.	F.E. Johnston Drilling Co.Ltd.	Feb. 13, 1961	5	8	73	35	"	D, S	Sandy loam stones 12; grey whitish brown sandstone 97.
OF Con II " 14	Rosedale Estates	D.S. Hueston	May 21, 1962	4	5	40	30	"	In	Water at 55, 68, 84 and 93. Clay 5; blue gumbo clay 21; sandstone 40; sandstone 72. Water at 45.
OF Con II " 15	H.B. Moffatt	McLean Water Supply Ltd.	Jan. 20, 1961	5	3	50	15	"	D	Clay 17; sandstone 74. Water at 74.
OF Con II " 15	Twp. Nepean	"	Feb. 21, 1963	13	1000	35	13	"	P	Clay 46; sand 55; fine gravel 70; coarse gravel 89. Water from 70 to 89.
OF Con II " 17	J.A. Dawson	"	Aug. 30, 1962	5	20	18	12	"	D	Clay 20; clay sand 40; sand 70; fine sand 100; coarse gravel 106. Water at 106.
OF Con II " 18	Butts Ross Ass. Ltd.	F.E. Johnston Drilling Co.Ltd.	Jan. 21, 1961	10	100	75	41	"	P	Brown sandy clay 5; blue clay stones 36; blue shale 112; soft medium grey limestone 160; hard grey limestone 250. Water at 48, 96, 160, and 224.
OF Con II " 18	"	"	Feb. 25, 1961	10	100	80	14	"	P	Sandy loam stones 8; blue clay stones 12 1/2; blue shale 94; grey medium soft limestone 175; grey medium hard limestone 250. Water at 66, 86, 118 and 176.
RP Con A " 16	K.R. Driscoll	Blair Phillips Drilling Co.Ltd.	Sep. 12, 1960	2	5	10	7	"	D	Clay 52; silica 81. Water at 81.



# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION <sup>1</sup>	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY - cont.										
Nepean Twp. - cont.										
RP Con A " 25	W. Neuranter	F.R. Cossette	Mar. 2, 1961	4	10	30	14	Fresh	D	Clay 15; sand 39; grey limestone 79. Water at 79.
RP Con A " 25	R. Wilson	Blair Phillips Drilling Co. Ltd.	Mar. 6, 1961	4	6	50	50	"	D	Sand 60; grey limestone 101. Water at 101.
RP Con A " 25	B. VonHausen	Capital Water Supply	Mar. 27, 1961	5	10	50	50	"	D	Sand 9; clay 50; sand 58; gravel 63; grey limestone 79. Water at 70 and 78.
RP Con A " 25	Benac Const. Ltd.	Moloughney	Apr. 10, 1961	5	5	55	30	"	D	Clay 35; silt 48; grey limestone 110. Water at 110.
RP Con A " 25	Ex-Tailback Const. Co.	J.B. Dufresne Co.	Apr. 10, 1961	6	6	60	36	"	D	Previously drilled 68; grey limestone 82. Water at 80.
RP Con A " 25	R. Rosinski	Capital Water Supply	Apr. 11, 1961	5	10	38	38	"	D	Sand 11; clay 52; sand fine gravel 61; blue limestone 110. Water at 80 and 108.
RP Con A " 25	R. Wilson	Blair Phillips Drilling Co. Ltd.	Apr. 11, 1961	4	6	50	50	"	D	Sand 60; limestone 100. Water at 100.
RP Con A " 25	M. Frisch	B.E. Sparks	May 2, 1961	4	5	50	45	"	D	S and 5; clay 45; boulders 70; blue limestone 80. Water at 78.
RP Con A " 25	"	"	Jun. 2, 1961	4	5	50	45	"	D	Sand 4; clay 45; limestone 101. Water at 100.
RP Con A " 25	R.J. Booth	"	Jun. 5, 1961	4	5	50	42	"	D	Sand fill; clay 80; limestone 115. Water at 110.
RP Con A " 25	Biant Homes Ltd.	"	Jun. 17, 1961	4	5	50	45	"	D	Sand 4; clay 72; limestone 78. Water at 75.
RP Con A " 25	"	Moloughney	Jun. 19, 1961	4	6	80	40	"	D	Clay 40; silt 76; grey limestone 101. Water at 101.
RP Con A " 25	M. Frisch	B.E. Sparks	Jun. 22, 1961	4	6	45	40	"	D	Sand 4; clay 60; limestone 80. Water at 75.
RP Con A " 25	R. Leduc	Capital Water Supply	Jun. 28, 1961	5	10	45	42	"	D	Sand 7; clay 50; fine sand silt 63; rock bed limestone 68; medium gravel sand 73; blue black limestone grey limestone 125. Water at 90, 110 and 122.
RP Con A " 25	A. Falle	"	Jul. 13, 1961	6	10	10 1/2	9	"	D	Clay 35; sand gravel 36; blue limestone 63. Water at 45 and 60.
RP Con A " 25	J.T. Neissen	Blair Phillips Drilling Co. Ltd.	Jul. 15, 1961	5	10	45	40	"	D	Sand 57; grey limestone 66. Water at 66.
RP Con A " 25	L. Camphaug	McLean Water Supply Ltd.	Jul. 25, 1961	6	10	38	38	"	D	Sand 30; limestone 86. Water at 86.
RP Con A " 25	W. Heikkala	Capital Water Supply	Aug. 25, 1961	5	10	40	35	"	D	Sand 7; clay 50; gravel boulders 59; blue limestone 88. Water at 70, 80 and 87.
RP Con A " 25	W.P. King	McLean Water Supply Ltd.	Sep. 1, 1961	6	10	70	12	"	D	Sand 15; clay 48; limestone 80. Water at 80.
RP Con A " 25	W. Neuranter	F.R. Cossette	Nov. 6, 1961	4	6	55	39	"	D	Sand 10; clay 25; boulders gravel sand 34; grey limestone 67. Water at 67.
RP Con A " 25	D. Saunure	Blair Phillips Drilling Co. Ltd.	Nov. 8, 1961	5	10	60	50	"	D	Water at 67.
RP Con A " 25	M. Frusch	Capital Water Supply	Nov. 13, 1961	5	10	37	37	"	D	Sand 4 1/2; sandstone 75. Water at 75.
RP Con A " 25	Bellinger Constr. Ltd.	McLean Water Supply Ltd.	Nov. 23, 1961	5	10	46	41	"	D	Sand 8; clay 50; sand gravel 58; blue limestone 100. Water at 90 and 97.
RP Con A " 25	P. Dethloff	Capital Water Supply	Nov. 27, 1961	6	10	40	35	"	D	Sand 38; limestone 80. Water at 80.
RP Con A " 25	G.A. MacLeod	Moloughney Well Drilling	Jan. 4, 1962	6	5	70	50	"	D	Sand 12; clay 50; coarse sand 60; blue limestone 112. Water at 100.
RP Con A " 25	R. Reynolds	F.R. Cossette	Apr. 4, 1962	4	8	25	19	"	D	Clay 20; silt 70; sand 74; broken limestone 81; grey limestone 107. Water at 107.
										Sand 7; clay 33; sand 50; grey limestone 104. Water at 104.



CARLETON COUNTY - cont.

Nepean Twp. - cont. RP Con A lot 25	W.N. Constr. Co.	Capital Water Supply	May 4, 1962	5	10	45	43	Fresh	D	Sand 10; clay 50; sand gravel 65; blue limestone 94. Water at 80 and 90. Sand 65; limestone 102. Water at 102.
RP Con A " 25	H. Hopper	McLean Water Supply Ltd.	May 15, 1962	5	10	50	50	"	D	Sand 7; clay 50; clay sand 60; blue limestone 109. Water at 100 and 107. Clay 30; sand clay 68; limestone 100. Water at 80 and 100.
RP Con A " 25	W.N. Constr. Co.	Capital Water Supply	May 29, 1962	5	10	40	40	"	D	Sand 4; clay 45; sand 58; blue limestone 100. Water at 75 and 97.
RP Con A " 25	L. Fraser	Moloughney Well Drilling	May 30, 1962	4	5	60	30	"	D	Sand 4; clay 40; sand gravel 56; blue limestone 98. Water at 70 and 95.
RP Con A " 25	P. Dethloff	Capital Water Supply	Jun. 12, 1962	5	10	44	40	"	D	Sand 7; clay 45; sand 58; gravel 61; blue limestone 102. Water at 100.
RP Con A " 25	"	"	Jun. 14, 1962	5	10	40	40	"	D	Sand 33; grey limestone 80. Water at 80.
RP Con A " 25	J.A. Carman	"	Jun. 22, 1962	5	10	50	42	"	D	Sand 20; clay 60; till 102; gravel 105. Water at 105.
RP Con A " 25	P. Jamnien	Blair Phillips Drilling Co. Ltd.	Sep. 5, 1962	4	10	45	35	"	D	Sand 10; clay 45; gravel 50; sand 65; gravel 72; blue limestone 110. Water at 90 and 108.
RP Con A " 25	M.G. Harrison	McLean Water Supply	Mar. 14, 1963	6	5	65	56	"	D	Sand 65; limestone 95. Water from 85 to 95.
RP Con A " 25	A. Fischer	Capital Water Supply	Mar. 19, 1963	5	10	45	45	"	D	Sand 34; rock brimstone 40. Water at 39.
RP Con A " 25	Kirk Builders Ltd.	McLean Water Supply	May 21, 1963	5	7	50	50	"	D	Sand 8; clay 50; sand 54; limestone 62; sand gravel 65; blue limestone 100. Water at 99.
RP Con A " 25	V.H. Constr. Co. Ltd.	J.B. Dufresne Co. Supply Ltd.	Sep. 13, 1963	6	25	40	10	"	D	Sand 75; till 98; limestone 125. Water from 98 to 125.
RP Con A " 25	Simpson Homes	Capital Water Supply	Dec. 16, 1963	5	10	40	40	"	D	Clay 60; river sand 80; gravel 96; limestone 138; sandstone 157. Water at 155.
RP Con A " 25	Kirk Builders	McLean Water Supply Ltd.	Dec. 17, 1963	5	8	45	40	"	D	Sand 11; clay 50; sand 58; limestone 85. Water at 84.
RP Con A " 25	R.J. Noel	Capital Water Supply	Feb. 28, 1964	6	10	45	45	"	D	Clay 65; gravel 74; limestone 125. Water at 100 and 120.
RP Con A " 25	B.J. Boonh	"	Jun. 15, 1964	5	10	42	38	"	D	Clay 47; sand 58; limestone 105. Water at 102.
RP Con A " 25	A. Ananny	"	Jun. 26, 1964	6	15	34	30	"	P	Clay 70; sand 75; coarse sand 85; till 102; limestone 114. Water from 102 to 114.
RP Con A " 25	Simpson Homes	McLean Water Supply Ltd.	Jul. 27, 1964	5	10	45	41	"	D	Sand 8; clay 39; gravel 55; limestone 107. Water at 105.
RP Con A " 25	Kirk Builders	Capital Water Supply	Aug. 17, 1964	5	7	75	35	"	D	Clay 56; limestone 160; sandstone 175. Water at 80.
RP Con A " 25	Simpson Homes	Capital Water Supply	Dec. 14, 1964	5	10	52	50	"	D	Clay 56; grey limestone 125. Water at 125.
RP Con A " 26	Imperial Oil Ltd.	Blair Phillips Drilling Co. Ltd.	Jun. 9, 1960	7	30	20	20	"	In	Gravel 5; clay 15; sand 40; broken grey limestone 42; hard grey limestone 75; black limestone 160; white Silica 165. Water at 160.
RP Con A " 26	"	"	Jun. 26, 1961	7	30	75	20	"	C	Blue clay 20; sand 45; sand gravel 48; grey limestone 60. Water at 58.
RP Con A " 26	"	"	Feb. 23, 1963	7	50	25	20	"	C	Yellowish soil 15; clay 30; sand 95; sand gravel 103. Water at 103.
RP Con A " 26	Cohen & Cohen Demolition Co.	J.B. Dufresne Co. Ltd.	Jun. 1, 1963	6	11	58	12	"	C	Sand 72; grey limestone 103. Water at 103.
RP Con A " 26	C. Craig	"	Nov. 12, 1963	6	17	80	45	"	D	Clay boulders 32; sand 81; gravel 85; limestone 142. Water at 142.
RP Con A " 27	H. Zinck	Blair Phillips Drilling Co. Ltd.	Aug. 31, 1961	5	30	38	35	"	D	
RP Con A " 27	Ottawa Roof Trust Co.	M. Weagher	Mar. 20, 1962	5	8	60	40	"	In	

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY - cont.										
Nepean Twp. - cont.										
RF Con A	lot 27									
RF Con A	Central Precast	Capital Water Supply	Nov.10,1962	5	10	30	20	Fresh	In	Clay 40;sand 52;blue limestone 98. Water at 96.
RF Con A	Sun Oil Co.	Blair Phillips Drilling Co.Ltd	Jun. 8,1963	7	30	34	29	"	C	Clay 25;sand clay 70;gravel 80;grey limestone 150. Water at 150.
RF Con A	Teron Const. Co.	"	Jun.13,1963	4	10	18	15	"	In	Sand 35;gravel 38;broken limestone 43;grey limestone 56. Water at 56.
RF Con A	Simpson Homes	Capital Water Supply	Jan. 7,1964	5	10	42	36	"	D	Sand 9;clay 4;hardpan gravel 65;limestone 155. Water at 153.
RF Con A	W.N. Constr. Co.	"	Mar.12,1964	6	10	18	18	"	C	Sand 39;limestone 50. Water at 50.
RF Con A	Pillar Constr. Ltd.	"	Jun.27,1964	5	4	75	35	"	C	Sand 4;clay 10;sand 63;limestone 133. Water at 90 and 130.
RF Con A	P.Cardarelli	"	Sep. 1,1964	5	10	21	30	"	C	Sand 35;limestone 95. Water at 93.
RF Con A	Ottawa Valley Pump	"	Oct.23,1964	5	2	90	34	"	C	Clay 48;sand 50;limestone 52;sand 53;limestone 225. Water at 100, 150 and 220.
RF Con A	C. McPhee	Blair Phillips Drilling Co.Ltd	Sep.22,1962	4	10	55	40	"	D	Clay 50;sand 90;brown limestone 131. Water at 131.
RF Con A	R.R.Cerwardine Const.	Capital Water Supply	Dec.17,1962	5	10	70	40	"	In	Sandy clay 5;clay 55;sand 70;blue limestone 126. Water at 100, 120 and 124.
RF Con A	P. Dollman	J.B.Dufresne	Sep.10,1960	6	50	50	25	"	D	Blue clay 40;sand boulders 50;grey limestone 60. Water at 45.
RF Con A	S.E.Marks	Blair Phillips Drilling Co.Ltd.	Oct.21,1961	4	10	15	15	"	D	Clay 35;gravel 47;grey limestone 100. Water at 100.
RF Con A	Marcel Tremblay	"	Oct.16,1961	4	10	47	45	"	D	Clay 63;gravel 65;grey limestone 100. Water at 100.
RF Con A	M. MacDonald	Capital Water Supply	Apr.30,1964	5½	10	42	40	"	D	Clay 50;sand gravel 71;limestone 102. Water at 80 and 101.
RF Con A	Minto Constr. Parkwood Subdivision	McLean Water Supply Ltd.	Jul.11,1960	10	100	180	36	"	P	Clay 60;till 100;grey limestone 450. Water at 450.
RF Con A	"	"	Oct.19,1960	10	100	72	41	"	P	Blue clay 40;boulders 80;grey limestone 450. Water at 450.
RF Con A	"	"	Nov.30,1960	10	132	73	14	"	P	Clay 40;till boulders 85;limestone 250. Water at 250.
RF Con A	Skyline Realty	"	Jun. 3,1961	10	60	42	8	"	P	Blue clay 50;sand broken rock 55;broken limestone 59. Water from 50 to 59.
RF Con A	Can.Oil Co.	J.B.Dufresne Co. Ltd.	Mar.22,1960	6	80	90	10	"	C	Clay 30;boulders gravel 37;limestone 90. Water at 89.
RF Con A	E.B. Marriner	"	May 25,1960	6	3	150	1	"	C	Clay 15;clay sand gravel 27;limestone 240. Water at 230.
RF Con A	A.Stewart Co. Ltd.	Blair Phillips Co.Ltd.	Aug.26,1960	4	5	251	25	"	D	Grey clay 53;grey limestone 251. Water at 180.
RF Con A	D.Preser	"	Jun.22,1961	5	10	265	10	"	C	Clay boulders 28;grey limestone 265. Water at 265.
RF Con A	A.M.Fairweather	"	Jun.27,1961	5	10	200	10	"	C	Clay boulders 28;grey limestone 200. Water at 200.
RF Con A	"	"	Oct.27,1961	5	6	35	25	"	D	Previously drilled 155;grey limestone 178;green limestone 196;grey limestone 230. Water at 225.
RF Con B	V. Cossette	"	Jul.20,1960	4	6	28	22	"	D	Fine sand 53;grey limestone 99. Water at 96.
RF Con I	L.S.McNeill Ltd.	F.R.Cossette	Sep.10,1962	2	6	38	22	"	D	Sandy clay 18;boulders sand 39;white sandstone 81. Water at 81.
RF Con I	B. Neal	Capital Water Supply	Mar.10,1964	5	10	25	25	"	D	Clay 30;boulders gravel 41;limestone 66. Water at 65.

## CARLETON COUNTY - cont.

Section	Locality	Company	Date	Depth (ft)	Strata	Remarks
1	L. Sipolins	F.R. Cossette	Sep. 5, 1962	4	4	Clay 46; boulders sand 58; white sandstone 94. Water at 94.
2	Dr. A. Auns	Blair Phillips Drilling Co. Ltd.	Jul. 10, 1963	5	10	Clay 65; grey limestone 90. Water at 90.
3	W. Leblanc	"	Jun. 26, 1964	4	32	Clay 45; hardpan 55; grey limestone 75. Water at 70.
4	Kirk Builders	"	Aug. 20, 1964	4	60	Clay boulders 58; limestone 175. Water at 175.
5	W. Reize	J.B. Dufresne Co. Ltd.	Jun. 23, 1964	6	10	Blue clay 50; till 65; gravel 70. Water at 70.
6	G. Davidson	Molouhney Well Drilling	Apr. 2, 1962	4	6	Clay 30; silt 60; limestone 88. Water at 70 and 88.
7	Borden Steele	Blair Phillips Drilling Co. Ltd.	Oct. 15, 1960	4	5	Clay 54; silica 80. Water at 80.
8	Forrest Bros.	"	Nov. 30, 1960	4	5	Coarse sand 5; blue clay 59; silica 107. Water at 107.
9	A. Stone	"	Jan. 28, 1960	4	10	Sandy clay 54; hardpan 58; limestone 79. Water at 70.
10	J. Paton	Molouhney	Mar. 12, 1960	5	2	Clay 45; sand 49; limestone 80. Water from 75 to 80.
11	E.C. Post	"	Mar. 1, 1960	5	25	Silt 31; sand 48; limestone 81. Water from 78 to 81.
12	J.R. Noel	"	Apr. 3, 1960	4	5	Sand 12; clay 40; silt 49; grey limestone 65. Water at 65.
13	F. Stiller	F.R. Cossette	Apr. 3, 1960	4	22	Sand 31; limestone 89. Water at 89.
14	M. Neunert	"	May 1, 1960	4	10	Sand 54; limestone 92. Water at 92.
15	J. Paton	Molouhney	Jun. 1, 1960	4	45	Clay 12; silt 46; grey limestone 71. Water at 71.
16	C. Rintish	F.R. Cossette	Jun. 28, 1960	4	20	Fine sand 52; grey limestone 90. Water at 90.
17	C. Pife	"	Jul. 1, 1960	4	30	Fine sand 56; grey limestone 89. Water at 89.
18	C. Pife	"	Jul. 1, 1960	4	17	Fine sand 55; grey limestone 88. Water at 88.
19	B. Wellman	McLean Water Supply Ltd.	Jul. 16, 1960	4	30	Fine sand 60; grey limestone 110. Water at 110.
20	P. Medwith	Molouhney	Jul. 29, 1960	5	5	Silt 10; blue clay 25; silt 52; grey limestone 68. Water at 68.
21	A. Schulze	F.R. Cossette	Sep. 19, 1960	5	40	Yellow sand 54; grey limestone 79. Water at 79.
22	A. Lukowski	"	Oct. 6, 1960	4	10	Yellow sand 57; grey limestone 82. Water at 82.
23	E. Doeprdt	"	Oct. 8, 1960	4	10	Yellow sand 58; grey limestone 83. Water at 83.
24	J. Dirks	B.E. Sparks	Oct. 13, 1960	4	16	Fine sand 54; grey limestone 63. Water at 62.
25	F. Forster	F.R. Cossette	Oct. 27, 1960	4	32	Yellow sand 61; grey limestone 86. Water at 86.
26	H. Halback	Blair Phillips Drilling Co. Ltd.	Oct. 27, 1960	4	10	Fine sand 68; sandstone 76. Water at 76.
27	Kirk Builders	"	Dec. 3, 1960	4	10	Coarse sand 71; grey limestone 88. Water at 85.
28	B. Bauer	W. Cossette	Jan. 13, 1961	4	6	Sand 36; limestone 120; sandstone 179. Water at 179.
29	E. Dethloff	Molouhney	Jan. 14, 1961	5	6	Clay 52; silt 15; grey limestone 75. Water at 75.
30	T.O. Reilly & Sons	Blair Phillips Drilling Co. Ltd.	Apr. 22, 1961	5	10	Sand 58; grey limestone 92. Water at 90.
31	A. Statts	"	May 2, 1961	5	10	Sand 56; sandstone 70. Water at 70.
32	R. Bender	J.B. Dufresne	May 11, 1961	6	50	Coarse sand 15; blue clay 25; coarse sand 58; grey limestone 70. Water from 65 to 68.
33	L. Erwin	McLean Water Supply Ltd.	Jun. 13, 1961	5	5	Sand 55; grey limestone 90. Water at 90.
34	P. Reynen	F.R. Cossette	Jun. 22, 1961	3	10	Sand 54; grey limestone 77. Water at 77.
35	E. Lockwood	J.B. Dufresne	Jun. 26, 1961	36	28	Blue clay 30; coarse sand 34. Water at 33.
36	Kirk Builders	Blair Phillips Drilling Co. Ltd.	Jul. 1, 1961	5	6	Sand 61; grey limestone 77. Water at 77.
37	"	"	Jul. 1, 1961	5	6	Sand 57; grey limestone 75. Water at 75.

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
Nepean Twp. - cont. RF Con I lot 24	B. Gustav	Capital Water Supply	Jul. 3, 1961	5	10	12	10	Fresh	D	Sand 30; fine sand silt 56; hard blue black limestone 75. Water at 70 and 73.
RF Con I	P.O. Rivieror	"	Jul. 6, 1961	5	10	19	6	"	D	Sand 3; clay 30; fine sand silt 53; blue black grey limestone 75. Water at 65 and 73.
RF Con I	Kirk Builders	Blair Phillips Drilling Co. Ltd.	Jul. 7, 1961	5	10	10	9	"	D	Sand 59; grey limestone 76. Water at 76.
RF Con I	W.E. Williams	"	Jul. 10, 1961	5	6	60	12	"	D	Sand 65; grey limestone 94. Water at 94.
RF Con I	W. Newreiter	Capital Water Supply	Jul. 17, 1961	5	10	19	14	"	D	Sand 10; clay 45; sand 51; blue limestone 85. Water at 60 and 80.
RF Con I	A. Chabot	Blair Phillips Drilling Co. Ltd.	Aug. 4, 1961	5	30	12	12	"	D	Sand 36; grey limestone 60. Water at 60.
RF Con I	Riant Homes Ltd.	McLoughney Well Drilling	Aug. 10, 1961	4	6	50	20	"	D	Clay 30; silt 55; grey limestone 90. Water at 80.
RF Con I	F.W. Feltzberg	Capital Water Supply	Aug. 11, 1961	5	10	5	5	"	D	Sand 5; clay 40; fine sand 55; gravel 57; blue limestone 75. Water at 65 and 72.
RF Con I	A. Verheiden	Blair Phillips Drilling Co. Ltd.	Aug. 16, 1961	5	5	10	8	"	D	Sand 62; grey limestone 90; silica 97. Water at 97.
RF Con I	L.B. Shaver	McLoughney Capital Water Supply	Aug. 19, 1961	4	6	50	40	"	D	Sand 53; limestone 80. Water at 80.
RF Con I	P. Dethloff	"	Aug. 21, 1961	5	10	11	8	"	D	Sand 10; clay 50; sand gravel 57; blue limestone 85. Water at 65, 76 and 82.
RF Con I	E. Doepert	"	Sep. 14, 1961	6	10	15	8	"	D	Sand 10; clay 50; sand gravel small boulders 55; blue limestone 78. Water at 65 and 76.
RF Con I	H. Jackson	Blair Phillips Drilling Co. Ltd.	Sep. 25, 1961	4	10	18	12	"	D	Sand 51; sandstone 75. Water at 75.
RF Con I	W. Neurenter	F.R. Cossette	Oct. 28, 1961	4	20	25	3	"	D	Yellow sand 10; clay 30; grey sand 57; grey limestone 80. Water at 80.
RF Con I	F. Dethloff	Capital Water Supply	Oct. 30, 1961	6	10	22	10	"	D	Sand 20; clay 45; sand gravel 58; blue limestone 90. Water at 70 and 87.
RF Con I	C. Truelove	Blair Phillips Drilling Co. Ltd.	Nov. 4, 1961	5	10	17	17	"	D	Sand 60; grey limestone 70. Water at 70.
RF Con I	W. Sparling	"	Nov. 13, 1961	4	10	15	15	"	D	Sand 54; black shale 60; sandstone 75. Water at 75.
RF Con I	G. May	"	Nov. 21, 1961	5	10	17	15	"	D	Sand 53; hard limestone 78. Water at 78.
RF Con I	C. Fife	Capital Water Supply	Nov. 22, 1961	6	10	12	10	"	D	Sand 10; clay 30; sand 56; blue limestone 73. Water at 65 and 71.
RF Con I	D. McDonald	V. Cossette	Dec. 6, 1961	4	15	28	5	"	D	Sand clay boulders 56; limestone 83. Water at 81.
RF Con I	J. Mensink	Capital Water Supply	Dec. 15, 1961	5	10	10	8	"	D	Sand 10; clay 50; sand 55; blue limestone 78. Water at 65 and 75.
RF Con I	W. VanEtve	Blair Phillips Drilling Co. Ltd.	Dec. 19, 1961	5	30	15	1	"	D	Sand 63; grey limestone 90. Water at 90.
RF Con I	D. McVeetors	Capital water Supply	Jan. 5, 1962	5	10	15	5	"	D	Sand 10; clay 45; sand fine gravel 54; blue black limestone 82. Water at 80.
RF Con I	MacDonald Constr.	W. Cossette	Jan. 12, 1962	4	6	25	10	"	D	Sand 30; blue clay 45; gravel sand 58; limestone 78; sandstone 85. Water at 85.
RF Con I	W.N. Constr. Co.	Capital Water Supply	Jan. 19, 1962	5	10	20	10	"	D	Sand 10; clay 45; sand 58; blue grey limestone 80. Water at 68 and 78.
RF Con I	J. Dewit	"	Mar. 22, 1962	5	10	37	24	"	D	Sand 15; clay 40; sand 59; blue limestone 88. Water at 75, 81 and 87.
RF Con I	McDonald Const Co.	V. Cossette	Mar. 26, 1962	4	12	28	10	"	D	Sand clay 56; limestone 86. Water at 83.

CARLETON COUNTY - cont.  
Nereau Twp. - cont.  
RF Con I lot 24

RF Con I	lot 24	J. Lubbers	Blair Phillips Drilling Co. Ltd. Capital Water Supply	May 6, 1961	50	10	40	15	Fresh	D	Sand 50; grey limestone 86. Water at 86.
RF Con I	" 24	W.N. Constr.	"	Aug. 15, 1962	5	10	15	13	"	D	Sand 10; clay 35; fine sand 55; limestone 79. Water at 78.
RF Con I	" 24	Rev. R. Mackilloan	Blair Phillips Drilling Co. Ltd. Capital Water Supply	Sep. 11, 1962	5	10	18	15	"	D	Sand 58; grey limestone 88. Water at 88.
RF Con I	" 24	F. Dethloff Const.	"	Sep. 13, 1962	5	10	11	10	"	D	Sand 10; clay 50; sand 55; blue limestone 88. Water at 87.
RF Con I	" 24	C. Keyzer	"	Sep. 27, 1962	5	10	13	12	"	D	Sand 5; clay 45; sand gravel 54; blue limestone 90. Water at 80 and 88.
RF Con I	" 24	Bouzanis Const. Co.	J.B. Dufresne & Co. Capital Water Supply	Dec. 3, 1962	6	4	60	7	"	D	Clay sand 60; grey limestone 64. Water at 63.
RF Con I	" 24	J. Lubbers	"	Apr. 2, 1963	5	10	11	10	"	D	Sand 10; clay 53; blue limestone 87; sandstone 89. Water at 70 and 86.
RF Con I	" 24	Taylor & Kingsley	"	Apr. 6, 1963	5	10	11	10	"	D	Sand 10; clay 50; sand gravel 59; blue limestone 84. Water at 70 and 82.
RF Con I	" 24	J.A. Dickson	C. Dufresne	May 21, 1963	2	24	18	2	"	D	Sand 58; limestone 90. Water from 80 to 90.
RF Con I	" 24	W.N. Constr.	Capital Water Supply	Jul. 5, 1963	5	8	53	25	"	D	Sand 8; clay 50; sand 58; blue limestone 98. Water at 75 and 97.
RF Con I	" 24	J.R. Tunnoch	Blair Phillips Drilling Co. Ltd.	Aug. 24, 1963	5	4	65	18	"	D	Sand 57; grey limestone 94. Water at 94.
RF Con I	" 24	J.M. Moore	"	Oct. 23, 1963	5	30	10	10	"	D	Sand 20; clay 52; hardpan gravel 55; grey limestone 78. Water at 75.
RF Con I	" 24	A. Mater	F.R. Cogsette	Nov. 30, 1963	4	15	30	10	"	D	Sand 4; boulders sand gravel 57; limestone 105; sandstone 117. Water at 117.
RF Con I	" 24	J. Lubbers	Capital Water Supply	Dec. 6, 1963	5	10	15	15	"	D	Sand 8; clay 47; sand 50; blue limestone 83. Water at 70 and 81.
RF Con I	" 24	W.N. Ogle	"	Dec. 10, 1963	5	10	35	14	"	D	Clay 50; sand boulders 60; blue limestone 76. Water at 75.
RF Con I	" 24	J. Lubbers	"	Feb. 28, 1964	5	10	40	12	"	D	Clay 55; gravel 61; limestone 83. Water at 82.
RF Con I	" 24	"	"	May 6, 1964	5	10	2	2	"	D	Clay 50; sand 57; limestone 72. Water at 72.
RF Con I	" 24	K. Gottlob	"	Jul. 13, 1964	5	10	22	20	"	D	Sand 57; limestone 75. Water at 73.
RF Con I	" 24	W.N. Constr.	"	Jul. 27, 1964	5	10	14	12	"	D	Clay 35; sand 55; limestone 78. Water at 76.
RF Con I	" 24	R. Davies	"	Aug. 18, 1964	5	10	41	21	"	D	Sand 6; clay 40; gravel hardpan 50; limestone 77. Water at 76.
RF Con I	" 24	J. Lubbers	"	Sep. 4, 1964	5	10	14	21	"	D	Clay 45; gravel 58; limestone 80. Water at 78.
RF Con I	" 24	J. Laing	"	Sep. 21, 1964	5	10	20	12	"	D	Sand 11; clay 26; hardpan 29; limestone 73. Water at 71.
RF Con I	" 24	J. Lubbers	"	Nov. 2, 1964	5	10	15	10	"	D	Sand 49; gravel 51; limestone 77. Water at 75.
RF Con I	" 24	J. Wadleigh	"	Nov. 28, 1964	5	10	15	8	"	D	Sand 10; clay 48; sand 53; limestone 75. Water at 74.
RF Con I	" 25	A. Stewart Const. Ltd.	Blair Phillips Drilling Co. Ltd. Capital Water Supply	Jun. 28, 1960	5	60	15	10	"	C	Sand 5; grey clay 54; grey limestone 121. Water at 121.
RF Con I	" 25	C. Matherson	"	Aug. 17, 1961	5	10	46	42	"	D	Sand 7; clay 40; sand 55; gravel 63; blue limestone 100. Water at 75, 84 and 96.
RF Con I	" 25	C.H. Kleneskie	J.B. Dufresne Co. Ltd.	Sep. 27, 1961	3	5	55	35	"	D	Sandy soil 56; grey limestone 85. Water from 80 to 85.
RF Con I	" 25	Trudel & McAdam Ltd.	Blair Phillips Drilling Co. Ltd.	Nov. 25, 1961	4	10	15	12	"	C	Sand 48; hardpan 54; limestone 90; sandstone 95. Water at 90.
RF Con I	" 25	McLean Water Supply Ltd.	"	Aug. 24, 1964	5	7	20	12	"	C	Sand 42; limestone 79. Water from 70 to 79.
RF Con I	" 25	A.B. Taylor Const.	Capital Water Supply	Dec. 2, 1964	5	10	14	11	"	C	Sand 42; gravel 48; limestone 75. Water at 74.
RF Con I	" 25	Armstrong Const.	"	Dec. 16, 1964	5	10	35	15	"	C	Sand 14; clay 45; sand 52; limestone 79. Water at 77.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY - cont. Nepean Twp. - cont. RP Con I lot 26	D. Belway	McLoughney	Jul. 1, 1960	4	6	40	15	Fresh	C	Previously drilled well 66; grey limestone 142. Water at 100 and 142.
RP Con I " 26	M.G. Benson	J.B. Dufresne Co.	Nov. 1, 1960	6	2	90	22	"	D	Grey clay 25; sand boulders 46; grey limestone 120. Water at 110.
RP Con I " 26	G.W. MacDonald	F.R. Cossette	Feb. 16, 1961	4	4	32	13	"	C	Clay 20; sand 38; grey limestone 101. Water at 101.
RP Con I " 26	Kirk Builders	Blair Phillips Drilling Co. Ltd.	Mar. 13, 1962	4	10	42	40	"	C	Sand 49; broken rock 52; limestone 112. Water at 112.
RP Con I " 26	" Ltd.	"	Apr. 23, 1962	4	10	193	30	"	D	Sand 60; limestone 193. Water at 193.
RP Con I " 26	Ault-Kinney Realty Ltd.	"	Jul. 20, 1962	7	30	27	14	"	C	Clay boulders 29; broken limestone 36; grey limestone 51. Water at 51.
RP Con I " 26	D. Monk	Capital Water Supply	Jul. 23, 1962	5	5	75	28	"	D	Sand 25; clay 40; sand 45; blue limestone 143. Water at 80, 120 and 142.
RP Con I " 26	Merivale Gardens Recreation Ass.	McLean Water Supply Ltd.	Sep. 28, 1962	6	6	100	20	"	P	Sand 39; limestone 125. Water at 100.
RP Con I " 26	L. Thatcher	"	Mar. 11, 1963	10	119	115	9	"	C	Clay 2; sand 20; gravel till 35; grey limestone 170; white sandstone 320; broken sandstone red granite 350. Water from 40 to 45 and at 350.
RP Con I " 26	Foster Motors	Capital Water Supply	Sep. 17, 1963	5	10	30	20	"	C	Fill 8; sand 40; gravel 42; blue limestone 77. Water at 55 and 75.
RP Con I " 26	St. Johns Anglican Church	McLean Water Supply Ltd.	Oct. 31, 1963	5	7	100	15	"	P	Sand 50; till 68; limestone 155. Water from 68 to 155.
RP Con I " 26	Kirk Builders Ltd.	"	Apr. 23, 1964	5	7	55	45	"	D	Sand 53; limestone 130. Water at 130.
RP Con I " 26	K.C. Martin Constr. Co. Ltd.	J.B. Dufresne & Co. Ltd.	Sep. 17, 1964	6	4	80	20	"	C	Clay 10; sand clay 28; hard pan 38; grey limestone 90. Water at 60 and 87.
RP Con I " 27	R.S. Markell	Blair Phillips Drilling Co. Ltd.	May 5, 1962	4	10	55	18	"	D	Sand 52; grey limestone 119. Water at 110.
RP Con I " 27	H. Belyea	McLean Water Supply Ltd.	Apr. 27, 1961	5	10	60	30	"	D	Sand 49; grey limestone 126. Water at 126.
RP Con I " 27	P. Ondarovic	Capital Water Supply	Jul. 11, 1961	6	10	24	13	"	D	Sand 36; blue limestone 80; grey black limestone 100. Water at 60 and 85.
RP Con I " 27	J.W. Smith	"	Mar. 5, 1963	5	10	14	5	"	D	Sand 15; clay 22; gravel sand 28; blue limestone 130. Water at 90 and 128.
RP Con I " 27	Ault-Kinney Realty Ltd.	Blair Phillips Drilling Co. Ltd.	Oct. 16, 1963	4	10	18	14	"	D	Clay sand 30; grey limestone 73. Water at 70.
RP Con I " 27	C. Cox	McLoughney Well Drilling	Sep. 17, 1964	5	5	20	10	"	D	Clay 3; clay rock fill 6; clay sand 27; grey limestone 53. Water at 40 and 53.
RP Con I " 29	M.D. Wellman & Sons Ltd.	J.B. Dufresne Co. Ltd.	Aug. 1, 1961	6	20	65	10	"	C	Pipe sand 38; grey limestone 70. Water at 50 and from 54 to 63.
RP Con I " 32	A.W. Murray	Blair Phillips Drilling Co. Ltd.	Nov. 27, 1960	5	10	26	26	"	D	Blue clay 8; grey limestone 94. Water at 90.
RP Con I " 33	P.D'Aoust Const. Co.	"	Sep. 3, 1960	7	30	23	15	"	P	Grey clay 59; grey limestone 245. Water at 110.



CARLETON COUNTY - cont.

RP Con I	RP Con II	F. Ryan	McLean Water Supply Ltd.	Jun. 27, 1962	6 1/2	10	70	15	Fresh	D, S	Silt boulders 45; limestone 120. Water at 120.
" 35	" 35	M. Loeb	"	Feb. 21, 1961	6 1/2	10	300	12	"	N	Silt boulders 48; limestone 315. Water at 140.
" 35	" 35	"	"	Feb. 25, 1961	6 1/2	100	150	10	"	N	Silt boulders 48; limestone 250. Water at 250.
" 35	" 35	"	"	Feb. 28, 1961	6 1/2	35	140	10	"	N	Silt boulders 50; limestone 250. Water at 250.
" 1	" 1	S. Hunt	Capital Water Supply	Jun. 9, 1964	5	7	42	38	"	N	Sand boulders 22; hardpan 55; limestone 87. Water at 85.
" 4	" 4	J. Hawkins	"	Jan. 30, 1961	5	5	27	27	"	D, S	Clay boulders 34; sand 64; grey limestone 100. Water at 100.
" 5	" 5	D.C.S. Beals	"	Mar. 27, 1962	4	4	30	24	"	D	Clay boulders 22; sand 44; limestone 55. Water at 55.
" 6	" 6	F. Gault	F.R. Cossette	Jul. 28, 1960	4	4	50	24	"	D	Sandy boulders 30; limestone 97. Water at 97.
" 6	" 6	R. Switzer	"	Feb. 18, 1961	2	6	34	26	"	D	Boulders sand 31; grey limestone 80. Water at 80.
" 7	" 7	W.L. Moloughney	Moloughney	Jan. 14, 1960	5	6	40	20	"	D	Clay 20; hardpan boulders 41; limestone 155. Water at 90 and from 150 to 155.
" 7	" 7	W. Hostettler	Capital Water Supply	Sep. 28, 1964	5	10	45	35	"	D	Clay 47; hardpan 56; limestone 86. Water at 84.
" 7	" 7	Armstrong	McLean Water Supply Ltd.	Oct. 8, 1964	5	7	48	40	"	D	Sand boulders 45; sand 72; limestone 100; sandstone 110. Water from 100 to 110.
" 9	" 9	E. Shortt	Blair Phillips Drilling Co. Ltd.	Aug. 1, 1961	4	10	6	6	"	D	Clay boulders 34; grey limestone 54. Water at 54.
" 11	" 11	P. Bakker	F.E. Johnston	Aug. 24, 1960	4	8	60	28	"	D	Brown clay boulders 16; blue clay boulders 32; blue clay gravel sand 44; grey limestone 75. Water at 58 and 72.
" 11	" 11	R. Pequenat	Drilling Co. Ltd.	Oct. 27, 1960	4	6	23	21	"	D	Clay boulders 56; grey limestone 140. Water at 140.
" 11	" 11	C. Myers	"	Nov. 17, 1960	4	6	23	21	"	D	Clay boulders 50; grey limestone 170. Water at 160.
" 11	" 11	D. MacDonald	"	May 8, 1961	35	6	22	15	"	D	Clay boulders 32; grey limestone 147. Water at 147.
" 11	" 11	B.A. Brown	McLean Water Supply Ltd.	May 12, 1962	6	10	40	23	"	D	Sand boulders 37; sandstone 60. Water at 60.
" 11	" 11	Kirk Builders Ltd.	Blair Phillips Drilling Co. Ltd.	Sep. 27, 1962	4	10	35	30	"	D	Clay boulders 48; grey limestone 102. Water at 102.
" 11	" 11	R. Davies Const.	Capital Water Supply	Aug. 16, 1963	5	10	40	40	"	D	Hardpan boulders 46; blue limestone 109. Water at 80 and 107.
" 11	" 11	D.R. Shaw	"	Sep. 23, 1963	5	10	20	17	"	D	Hardpan boulders 38; blue limestone 49. Water at 48.
" 11	" 11	R. Davies Const.	"	Sep. 23, 1963	5	10	11	10	"	D	Hardpan boulders 23; blue limestone 94. Water at 60 and 92.
" 11	" 11	Housen Constr.	"	Sep. 27, 1963	5	10	35	32	"	D	Hardpan boulders 38; blue limestone 81. Water at 70 and 80.
" 11	" 11	J. Laing	"	Jan. 16, 1964	5	10	22	20	"	D	Clay 15; boulders hardpan 53; limestone 81. Water at 80.
" 11	" 11	Stimpson Homes	"	Jan. 22, 1964	5	10	35	33	"	D	Clay 20; hardpan boulders 45; limestone 89. Water at 88.
" 11	" 11	D. Miller	"	Feb. 13, 1964	5	10	18	15	"	D	Clay boulders 30; sand gravel 36; limestone 92. Water at 90 and 90.
" 11	" 11	M. Adamson	J.E. Dufresne & Co. Ltd.	May 26, 1964	6	33	30	20	"	D	Till boulders 35; limestone 40. Water from 35 to 40.
" 11	" 11	A.L. Birrell	Moloughney	Feb. 24, 1960	5	6	60	37	"	D	Clay 27; silt 41; limestone 137. Water at 100 and 137.
" 12	" 12	G. Cowell	"	Oct. 4, 1960	5	6	50	40	"	D	Silt 5; silt boulders 25; grey limestone 80. Water at 80.
" 12	" 12	G.E. Gellinger	F.R. Cossette	Dec. 9, 1960	2	6	30	21	"	D	Clay 10; boulders sand 39; grey limestone 78. Water at 78.
" 12	" 12	J. Lamb	Blair Phillips Drilling Co. Ltd.	Jan. 7, 1961	5	6	110	60	"	D	Clay boulders 59; grey limestone 260. Water at 260.

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY - cont. Nepean Twp. - cont. RP Con II lot 12	G.Cowell	Moloughney	Jan.30,1961	5	6	30	25	Fresh	D	Clay 10;boulder slit 29;grey limestone 55. Water at 40 and 55. Sand boulders 40;limestone 143. Water at 140.
RP Con II "	J. Fergster	McLean Water Supply Ltd.	Sep.14,1961	7	7	90	23	"	D	Clay boulders 65;grey limestone 105. Water at 105.
RP Con II "	J.J.McLaughlin	Blair Phillips Drilling Co.Ltd.	Sep.16,1961	4	6	45	20	"	D	Sandy loam 7;blue clay 20;hardpan 39;grey limestone 70. Water at 44 and 56.
RP Con II "	T.Murray	F.E.Johnston Drilling Co.Ltd	Oct.12,1961	5	10	40	20	"	D	Clay boulders 57;grey limestone 108;hard grey limestone 120. Water at 108.
RP Con II "	A. Jurs	Blair Phillips Drilling Co.Ltd.	Jun.14,1962	4	5	40	20	"	D	Sand boulders 55;sandstone 80. Water at 80.
RP Con II "	G. Pritchard	McLean Water Supply Ltd.	Aug.17,1962	6 1/2	5	40	18	"	D	Sand boulders fill 33;limestone 45. Water at 45.
RP Con II "	J.R.Pardell	Capital Water Supply	Oct.31,1962	6	20	40	8	"	D	Sandy clay 12;hardpan boulders 45;blue limestone 88. Water at 70 and 87.
RP Con II "	S. Rea	Capital Water Supply	Dec. 7,1962	5	10	42	22	"	D	Clay boulders 32;gravel 42;grey limestone 237;white silica 242;grey granite 254. Water at 254.
RP Con II "	Kirk Builders Ltd.	Blair Phillips Drilling Co.Ltd	Jan. 7,1963	4	5	120	10	"	D	Clay boulders 40;fine gravel 44;hard grey limestone 122. Water at 122.
RP Con II "	"	"	May 18,1963	4	6	45	37	"	D	Clay 26;hardpan boulders 30;blue limestone 114. Water at 80 and 112.
RP Con II "	J. Laing	Capital Water Supply	Oct. 8,1963	5	4	60	15	"	D	Clay 10;hardpan 22;limestone 55. Water at 53.
RP Con II "	E. Robertson	B.Sparks	Jul.21,1961	5	6	18	6	"	D	Clay 25;boulders hardpan 40;gravel 45. Water at 45.
RP Con II "	H. Gervois	Capital Water Supply	Apr.11,1963	5	10	14	14	"	D	Clay boulders 28;grey limestone 177. Water at 177.
RP Con II "	O. Leclair	Blair Phillips Drilling Co.Ltd.	Jul.12,1960	5	5	110	15	"	D	Clay boulders 48;grey limestone 52. Water at 52.
RP Con II "	D.S.McIntosh	"	Oct.25,1960	5	10	20	15	"	D	Loam 4;hardpan boulders 55;gravel 61;limestone 104. Water at 80 and 103.
RP Con II "	G. Piper	Capital Water Supply	Oct.31,1963	5	7	49	37	"	D	Sand boulders 40;sandstone 96. Water from 90 to 96.
RP Con II "	D. Beierle	C. Dufresne	Apr.21,1960	2	8	3	15	"	D	Clay boulders 15;sandstone 85. Water from 80 to 85.
RP Con II "	D. Leclair	"	Mar.10,1961	2	6	22	9	"	D	Clay 41;grey limestone 102. Water at 102.
RP Con II "	T.W.X.Constr.	F.R.Cossette	Dec. 5,1960	4	12	25	8	"	D	Hardpan boulders 52;limestone 162. Water at 160.
RP Con II "	W. VentErve	Capital Water Supply	Sep.17,1964	5	5	80	32	"	D	Grey loam 68;grey limestone 88. Water at 88.
RP Con II "	E. Stinson	M. Meagher	Sep.26,1960	5	6 1/2	24	24	"	D	Fine Ottawa sand 66;dark grey limestone 155;light grey brown Nepean sandstone 247. Water from 70 to 151 and from 192 to 194 and 233 to 238.
RP Con II "	Government of Canada	Provincial Drilling	Apr.15,1962	10	385	126	34 1/2	"	P	Sandy clay 20;hardpan boulders 35;sand 38;blue limestone 97. Water at 70 and 95.
RP Con II "	Simpson Homes	Capital Water Supply	Aug.10,1963	5	10	34	17	"	D	Topsoil 2;clay 60;sand 67;sandstone 120. Water at 80, 100 and 119.
RP Con II "	W. Winters	"	May 15,1962	5	8	52	47	"	D	Brown sandy loam 12;blue clay fine grey sand 38;grey limestone 47;layers whitish gray whitish brown very hard sandstone 212;soft greenish grey reddish brown sandstone layers of hard whitish grey sandstone 450. Water at 100, 180, 280 and 380.
RP Con II "	Woodvale Investments Ltd.	F.E.Johnston Co. Ltd.	Dec.12,1964	10	250	200	15	"	P	

CARLETON COUNTY - cont.

Nepean Twp. - cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY - cont. Nepean Twp. - cont. RP Con IV lot 25	A. Heinz	Blair Phillips Drilling Co. Ltd.	Feb. 23, 1961	5	5	80	10	Fresh	D	Clay 12; sandstone 90. Water at 80.
RP Con IV " 25	B. Scheper	W.J. King	Aug. 30, 1962	4	5	12	12	"	D	Dark sandy soil boulders 12; sandstone 76. Water at 76.
RP Con IV " 25	H. Vanrywyk	"	Sep. 14, 1962	4	4	16	7	"	D	Sand boulders 6; sandstone 68. Water at 68.
RP Con IV " 29	Chiarella Bros. Golf Course	Blair Phillips Drilling Co. Ltd.	Jun. 22, 1964	5	15	53	51	"	P	Sandstone 130. Water at 125.
RP Con IV " 30	National Capital Comm.	J.B. Dufresne	Aug. 24, 1960	2	6	50	11	"	D, S	Topsoil 1; sandstone 130. Water at 110.
RP Con IV " 30	"	P.E. Johnston Drilling Co. Ltd.	Nov. 14, 1960	5	5	50	6	"	D	Brown sandy clay 1; whitish grey sandstone 65. Water at 63.
RP Con IV " 33	Fries & Ostringer	Blair Phillips Drilling Co. Ltd.	Mar. 18, 1960	6	10	5	3	"	D	Clay 5; sandstone 50. Water at 40.
RP Con IV " 33	A.S. Jarieston	"	Apr. 7, 1960	6	10	3	2	"	D	Clay 6; sandstone 50. Water at 30.
RP Con IV " 33	J. Steenbaker	"	Apr. 30, 1960	6	20	3	2	"	D	Clay 7; sandstone 58. Water at 20.
RP Con IV " 33	"	"	May 7, 1960	5	20	3	2	"	D	Clay 4; sandstone 20. Water at 20.
RP Con IV " 33	D. MacDonald	Const.	May 13, 1960	5	20	3	2	"	D	Clay 8; sandstone 20. Water at 20.
RP Con IV " 33	W. Mulder	"	Jun. 13, 1960	2	10	5	3	"	D	Clay 7; sandstone 50. Water at 27.
RP Con IV " 33	D.J. Doyle	"	Jul. 15, 1960	2	10	5	3	"	D	Clay 10; sandstone 40. Water at 37.
RP Con IV " 33	J. Sturham	M. McLaughlin	Aug. 19, 1960	6	16	20	10	"	D	Clay 2; hard sandstone 40; soft sandstone 50. Water at 20.
RP Con IV " 33	J. Steenbakers Const. Co.	"	Aug. 29, 1960	6	20	22	15	"	D	Clay 4; hard sandstone 40; softer sandstone 50. Water at 23.
RP Con IV " 33	"	"	Aug. 31, 1960	6	20	22	10	"	D	Clay 3; hard sandstone 40; softer sandstone 50. Water at 22.
RP Con IV " 33	"	"	Sep. 2, 1960	6	20	15	9	"	D	Clay 4; hard sandstone 41; softer sandstone 50. Water at 19.
RP Con IV " 33	"	"	Sep. 10, 1960	6	20	22	13	"	D	Clay boulders 10; hard sandstone 40; softer sandstone 50. Water at 21.
RP Con IV " 33	"	"	Nov. 12, 1960	6	10	40	17	"	D	Sand loam 8; sandstone 68; layers sandstone sand 80. Water at 70.
RP Con IV " 33	"	"	Aug. 26, 1960	6	20	20	12	"	D	Clay 4; hard sandstone 42; softer sandstone 50. Water at 20.
RP Con IV " 33	"	"	Dec. 12, 1960	6	20	20	10	"	D	Sand 6; sandstone 50. Water at 30.
RP Con IV " 33	J. Oestringer	"	May 12, 1961	6	20	6	2	"	D	Sand loam 3; sandstone 50. Water at 20.
RP Con IV " 33	J. Steenbakers Const. Co.	"	May 25, 1961	6	20	7	4	"	D	Clay 3; sandstone 50. Water at 25.
RP Con IV " 33	L. Belford	McLean Water Supply Ltd.	Jun. 23, 1961	6	5	40	8	"	D	Brown clay 10; sandstone 60. Water at 60.
RP Con IV " 33	Steenbakers Const.	M. McLaughlin	Jul. 4, 1961	6	15	35	5	"	D	Sand loam 4; sandstone 60. Water at 20.
RP Con IV " 33	A. Denton	J.B. Dufresne & Co.	Jul. 11, 1961	6	3	90	3	"	D	Sandy clay 7; sandstone 90. Water at 90.
RP Con IV " 33	Steenbakers Const.	M. McLaughlin	Jul. 24, 1961	6	20	35	5	"	D	Clay 6; sandstone 55. Water at 50.
RP Con IV " 33	"	"	Jul. 28, 1961	6	20	30	6	"	D	Clay loam 7; sandstone 52. Water at 47.
RP Con IV " 33	"	"	Aug. 11, 1961	6	20	45	7	"	D	Clay 9; red granite 3; grey limestone 65. Water at 60.
RP Con IV " 33	"	"	Nov. 21, 1961	6	10	25	6	"	D	Clay 5; sandstone 70. Water at 60.
RP Con IV " 33	K. Ferworn	Capital Water Supply	Nov. 30, 1961	5	7	42	22	"	D	Fill 4; sandstone 38; Nepean sandstone 70. Water at 50, 62 and 68.
RP Con IV " 33	J. Steenbaker Const.	Molougney Well Drilling	May 14, 1962	4	6	15	7	"	D	Silt 9; sandstone 47. Water at 40 and 47.
RP Con IV " 33	H. Zwiers	Capital Water Supply	May 22, 1962	5	7	50	10	"	D	Clay boulders 10; sandstone 74. Water at 60 and 73.
RP Con IV " 33	J. Steenbakers Ltd.	Molougney Well Drilling	May 24, 1962	4	6	15	8	"	D	Silt 8; sandstone 45. Water at 40 and 45.

CARLETON COUNTY - cont.  
Nepean Twp. - cont.

33	RF Con IV	J. Oestlinger	Capital Water Supply	May 29, 1962	5	6	45	14	Fresh	D	Clay 6; grey sandstone 59. Water at 40 and 57.
33	RF Con IV	W. Mueallier	M. Meagher	Aug. 27, 1962	4	5	10	8	"	D	Clay loam 16; sandstone 45. Water at 45.
33	RF Con IV	Houser Constr.	Capital Water Supply	Aug. 28, 1962	5	10	15	10	"	D	Clay 4; sandstone 58. Water at 45 and 57.
33	RF Con IV	A. Grussani	"	Nov. 20, 1962	5	5	20	2	"	D	Sandy clay 6; sandstone 75. Water at 50 and 74.
33	RF Con IV	J. Steenbaker	Blair Phillips Drilling Co. Ltd.	Dec. 5, 1962	5	10	20	7	"	D	Clay 6; sandstone 59. Water at 45 and 57.
33	RF Con IV	A. Holbrook	"	Oct. 4, 1964	5	5	40	7	"	D	Clay topsoil 7; sandstone 70. Water at 70.
34	RF Con IV	Bell's Corners	McLean Water Supply	Jul. 20, 1962	6	4	70	19	"	P	Clay 11; sandstone 84. Water at 40.
34	RF Con IV	T.S.P. Lands Ltd.	United Church	Aug. 12, 1962	10	90	150	8	"	P	Clay 8; sandstone 195; red granite 208. Water from 8 to 208.
35	RF Con IV	Lynher Realty	J.B. Dufresne Co. Ltd.	Feb. 9, 1960	10	100	70	36	"	P	Clay 40; silt 59; sandstone 200. Water at 200.
35	RF Con IV	Sun Oil Co.	"	Mar. 8, 1960	6	3	70	5	"	P	Clay 15; sandstone 97. Water from 60 to 96.
35	RF Con IV	C. Arbelter	F.R. Cossette	Aug. 5, 1960	2	3	30	16	"	P	Dug well 18; gravel 21; sandstone 56. Water at 56.
35	RF Con IV	Glen Alva Constr.	McLean Water Supply Ltd.	Jun. 14, 1960	2	10	32	7	"	C	Clay sand boulders 19; sandstone 100. Water at 100.
35	RF Con IV	W. Marcellus	"	Nov. 10, 1960	5	5	60	28	"	D	Blue clay 23; sandstone 83. Water at 83.
35	RF Con IV	D.W. Plunkett	"	Jun. 28, 1963	5	5	75	25	"	C	Clay 18; sandstone 80. Water at 80.
35	RF Con IV	Steenbakers	"	Aug. 16, 1963	5	5	50	30	"	C	Previously drilled 45; Nepean sandstone 94. Water from 45 to 94.
35	RF Con IV	Canadian Legion	Moloughney Well	Aug. 21, 1963	4	5	50	25	"	P	Silt 17; sandstone 94. Water from 80 to 94.
14	RF Con V	J.R. Scott	Blair Phillips Drilling Co. Ltd.	Sep. 27, 1960	4	10	15	10	"	D	Clay 96; grey limestone 150. Water at 150.
15	RF Con V	Ontario Building Materials	Moloughney	Jan. 15, 1962	6	20	40	Flows	"	In	Dug well 18; gravel 67. Water at 67.
16	RF Con V	A. Cottle	J.B. Dufresne Co. Ltd.	Mar. 4, 1964	6	33	105	2	"	D	Clay 100; gravel sand 110. Water at 108.
17	RF Con V	W. Lehman	M. Meagher	May 5, 1962	4	4	30	22	"	D	Clay boulders 40; gravel 55. Water at 55.
17	RF Con V	W. Smyth	McLean Water Supply Ltd.	Sep. 5, 1963	6	8	50	38	"	D	Sand gravel 40; limestone 75. Water at 75.
20	RF Con V	B. Steele	Blair Phillips Drilling Co. Ltd.	Sep. 16, 1962	4	7	55	50	"	D	Clay boulders 60; grey limestone 118. Water at 118.
23	RF Con V	R. Hudson	W.E. Sparks	May 17, 1960	4	5	1	1	"	D	Loam gravel stone 18; grey limestone 56. Water from 54 to 56.
23	RF Con V	Dr. P.J. Fallster	"	May 28, 1960	4	5	10	10	"	D	Loam gravel stones 40; grey limestone 42. Water from 40 to 42.
23	RF Con V	"	Blair Phillips Drilling Co. Ltd.	Sep. 14, 1960	5	5	25	20	"	D	Previously drilled 42; grey limestone 119. Water at 119.
23	RF Con V	H.J. McFarland Constr.	McLean Water Supply Ltd.	Mar. 10, 1961	6	3 1/2	220	100	"	In	Grey limestone 185; white sandstone 300. Water at 220.
24	RF Con V	E. Coates	Capital Water Supply	May 11, 1962	5	10	43	20	"	D	Fill 4; blue limestone 130. Water at 90 and 128.
24	RF Con V	N. Coates	"	May 17, 1962	5	10	35	14	"	D	Loam boulders 3; blue limestone 117. Water at 80, 110 and 116.
24	RF Con V	"	"	Dec. 30, 1963	5	10	40	24	"	D	Hardpan boulders 8; blue limestone 125. Water at 123.
25	RF Con V	G. King	F.R. Cossette	Nov. 19, 1960	2	5	42	15	"	D	Boulders gravel 17; grey limestone 133. Water at 133.
25	RF Con V	M. Regimbald	Blair Phillips Drilling Co. Ltd.	Jan. 8, 1962	5	10	10	8	"	D	Clay boulders 10; sandstone 75. Water at 75.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (depths to which formations extend below the surface are given in feet)
CARLETON COUNTY - cont. Nepean Twp. - cont. EP Con V lot 32	J. Arts	Capital Water Supply	May.25,1962	5	10	47	9	Fresh	D	Clay boulders 7;grey sandstone 67. Water at 50 and 65.
EP Con V " 33	National Capital Comm.	F.E.Johnston Drilling Co.Ltd.	Oct.20,1960	5	10	35	17	"	D	Brown clay boulders 6;sandstone 100. Water at 24 and 88.
EP Con V " 33	R.H. Hubert	McLean Water Supply Ltd.	Jul.11,1961	6	10	50	11	"	D	Clay loam 4;boulder till 15;sandstone 60. Water at 60.
EP Con V " 33	E. Daly	Capital Water Supply	Sep. 1,1962	5	5	30	7	"	D	Back fill 3;sandstone 80. Water at 78.
EP Con V " 34	National Capital Comm.	F.E.Johnston Drilling Co.Ltd	Jan. 6,1962	5	4	60	14	"	D,S	Brown sandy loam 12;blue clay boulders gravel 28;Whitish brown limestone 65. Water at 44 and 58.
EP Con V " 35	A.F. Bastien	P.R. Cossette	Sep.22,1960	4	4	30	16	"	D	Previously drilled 22;sandstone 64. Water at 64.
EP Con V " 36	W.L.Ballantyne	P.R.Dufresne	Jun.17,1961	6	15	80	4	"	In	Blue clay 15;sandstone 133. Water from 75 to 128.
EP Con V " 36	M. Ville	P.R. Cossette	Sep.2,1962	2	30	9	"	"	D	Dug well 16;boulders sand 22;sandstone 81. Water at 81.
EP Con V " 35	M. Cooper	M. Meagher Capital Water	Jun.2,1964	5	5	24	20	"	In	Clay 20;limestone 105. Water at 105.
EP Con VI " 1	L. Sadler	Capital Water Supply	Aug.24,1962	5	7	60	22	"	D	Clay boulders 12;blue limestone 123. Water at 60 and 120.
EP Con VI " 10	G. Foster	McLoughney Well Drilling	Jul.14,1963	5	6	50	15	"	D	Clay 40;limestone 106. Water at 100.
EP Con VI " 18	A. Wilson	"	Jun.10,1964	6	5	20	5	"	D,S	Clay 96;gravel 100;hardpan 102;limestone 181. Water at 160, and 181.
EP Con VI " 20	M. Wilson	J.B.Dufresne	Aug.14,1962	3	6	4	"	"	D	Blue clay 108;grey limestone 148 1/2. Water at 148.
EP Con VI " 24	H. Davidson	"	Jun. 9,1960	3	Flows	4	"	"	S	Blue clay 108;gravel 111. Water at 111.
EP Con VI " 25	V.H.Scheitman	McLean Water Supply Ltd.	Jan.19,1960	5	6	80	10	"	D	Loam 6;limestone 155. Water at 155.
EP Con VI " 28	Hausen Const.	Capital Water Supply	May 24,1963	5	5	35	25	"	D	Sand boulders 6;blue limestone 168. Water at 150 and 167.
EP Con VI " 32	R.Peacock	M. Meagher	Oct.19,1961	4	3	36	32	"	D,S	Dug well 16;grey limestone 62. Water at 62.
EP Con VI " 33	Butts Ross Const. Ltd.	F.E.Johnston Drilling Co.Ltd.	Oct. 6,1961	10	220 143	3	"	"	F	Sandy loam 4;blue clay stones 19;grey sandstones 165;red sandstone 228;brownish sandstone 246;red sandstone 300. Water at 26, 92, 128, 228 and 246.
North Gower Twp. EP lot 1	W. Watson	Blair Phillips Drilling Co.Ltd.	Nov. 5,1960	4	10	24	20	Fresh	P	Previously drilled 94;grey limestone 125. Water at 125.
EP " 1	C. Saunders	M. Meagher	Sep. 8,1961	4	4	18	8	"	C	Clay loam 14;grey limestone 50. Water at 50.
EP " 2	Royal Bank of Canada	"	May 24,1960	4	4	40	32	"	P	Clay 20;limestone 70. Water at 89.
EP " 2	J. Bombout	"	Nov.28,1960	4	5	28	28	"	D	Clay boulders 20;gravel 39;grey limestone 64. Water at 64.
EP " 2	Williams & Flaumbaugh	"	Dec. 7,1960	4	3 1/2	22	22	"	C	Clay boulders 22;gravel 38;grey limestone 60. Water at 60.
EP " 2	H. Findlay	"	Dec.12,1960	4	3 1/2	16	16	"	D	Clay boulders 14;grey limestone 57. Water at 57.
EP " 2	M. Cox	J.B.Dufresne Co. Ltd.	Sep.22,1961	2	5	55	32	"	D	Topsoil 3;boulders gravel clay 46;grey limestone 120; sandstone 150. Water at 128.
EP " 2	J. Commandeur	M. Meagher	Jul. 9,1962	4	5	35	30	"	D	Boulders clay 39;gravel 49;limestone 81. Water at 81.
EP " 2	M. Davidson	McLean Water Supply Ltd.	Feb. 1,1963	6	5	40	10	"	C	Fill 5;limestone 60. Water from 55 to 60.
EP " 2	H. Pretag	M. Meagher	Jul.21,1964	4	3	20	18	"	D	Clay loam 23;gravel 30;limestone 78. Water at 75.



CARLETON COUNTY - cont.  
North Gower Twp. C.M.

BP	lot	P.J.Shouldice Co.Ltd.	Metean Water Supply Ltd.	Sep. 1, 1964	6	2½	6	17	Fresh	P	
BP	3	G. Burston	M. Meagher	May 10, 1960	4	4	14	12	"	D	Clay 10; limestone 75. Water from 65 to 75.
BP	3	T. M. Goddard	J.B.Dufresne	Aug. 11, 1960	2	3	60	34	"	D	Clay 44; gravel 45. Water at 44.
BP	4	T. Marcus.	Blair Phillips Drilling Co. Ltd	May 19, 1960	2	10	20	18	"	C	D gravel boulder clay 58; sandstone 150. Water at 145. Limestone 100; sandstone 112. Water at 100.
BP	"	Mal. C.A.	J.B.Dufresne Co.	Jun. 2, 1960	2	3	35	20	"	D	Clay boulder 26; boulder gravel clay 40; limestone 103. Water at 100.
BP	"	Chamberlain Ltd.	J.R.Kettles	Mar. 5, 1963	2	5	50	30	"	D	Clay loam 15; blue clay 45; grey limestone 72. Water at 72.
BP	5	O. Hirsig	Blair Phillips Drilling Co. Ltd	May 27, 1960	2	10	10	7	"	D	Clay boulders 30; limestone 90. Water at 60.
BP	"	K. Davison	"	Mar. 20, 1961	4	10	22	20	"	D	Clay boulders 35; grey limestone 60. Water at 60.
BP	"	L. McCormack	M. Cossette	Jul. 28, 1961	2	5	30	14	"	D	Blue clay 10; sand boulders 26; limestone 64. Water at 64.
BP	"	M. Martin	M. Meagher	Jun. 20, 1962	5	30	26	20	"	D	Clay loam 34; limestone 65. Water at 65.
BP	"	G. Boxma	"	Oct. 24, 1964	5	5	24	20	"	D	Clay 34; limestone 70. Water at 70.
BP	7	M. Sadler	Capital Water Supply	Aug. 28, 1963	5	16	30	15	"	D	Clay 38; hardpan 40; blue limestone 66. Water at 50 and 65.
BP	"	D. Kraut	M. Meagher	Dec. 6, 1961	4	3	18	16	"	D	Clay 41; gravel 43. Water at 41.
BP	8	P.W. Currie	F.E. Johnston Drilling Co. Ltd.	Mar. 22, 1962	6	6	14	12	"	D	Blue clay 30; coarse gravel 40. Water from 30 to 40.
BP	"	R. Bone	F.R. Cossette	Sep. 6, 1960	2	15	20	6	"	D	Grey clay 30; grey limestone 50. Water at 50.
BP	9	E. Carbert	"	Feb. 23, 1961	5	5	10	13	"	D	Clay boulders 24; gravel 38; grey limestone 50. Water at 50.
BP	"	L. Sullivan	"	May 2, 1964	5	3	10	5	"	D	Clay 30; gravel 34; limestone 36. Water at 36.
BP	9	K. Simpson	"	May 21, 1964	4	3	20	14	"	D	Clay 40; gravel 42. Water at 42.
BP	"	J.E. Stewart	"	Jul. 2, 1964	4	3	16	14	"	D	Clay loam 30; gravel 32; limestone. Water at 30.
BP	10	Rideau View Golf Club	Moloughney	Jun. 1, 1960	5	7	55	30	"	D	Silt 30; gravel boulders 60; grey limestone 144. Water at 90 and 144.
BP	"	G.P. Smith	F.R. Cossette	May 21, 1963	2	15	10	1	"	D	Topsoil 5; sand 23; limestone 55. Water at 55.
BP	11	P. Duhamel	Blair Phillips Drilling Co. Ltd.	Aug. 10, 1960	5	6	48	5	"	C	Clay 30; boulders 48; grey limestone 206; sandstone 311. Water at 148 and 311.
BP	"	C. Fraser	J.B.Dufresne Co. Ltd.	Aug. 9, 1961	2	5	60	10	"	D	Boulders sand 55; coarse gravel boulders 68. Water from 65 to 68.
BP	15	J. Scobie	Blair Phillips Drilling Co. Ltd.	Aug. 31, 1961	4	6	35	25	"	D, S	Clay boulders 62; grey limestone 108. Water at 108.
Con A	"	D. Ferguson	J.B.Dufresne Co. Ltd.	Jun. 13, 1960	3	5	35	22	"	D	Clay boulders 20; gravel boulders 45. Water at 45.
Con A	"	Post Office	M. Meagher	Aug. 1, 1960	5	3	40	24	"	P	Boulder loam 36; gravel 42; grey limestone 94. Water at 94.
Con A	1	J. Brady	M. McLaughlin	Aug. 28, 1961	6	15	26	18	"	P	Clay loam 15; gravel 58. Water at 45.
Con A	1	A. Ganroz	Capital Water Supply	Nov. 30, 1962	5	10	15	12	"	D	Clay 45; sand boulders 48; limestone 55; sandstone 102. Water at 90 and 100.
Con A	"	T. Schepens	Blair Phillips Drilling Co. Ltd.	Sep. 6, 1963	5	7	35	35	"	D	Clay boulders 49; grey limestone 81. Water at 81.
Con A	"	Federal Gov't Post Office	"	Oct. 2, 1963	4	10	45	25	Sulphur	P	Clay boulders 32; grey limestone 35. Water at 110.
Con A	4	E. Scharfe	"	Apr. 16, 1962	4	10	20	10	Fresh	D, S	Clay boulders 72; grey limestone 90. Water at 90.
Con A	5	R. Scharfe	"	Apr. 19, 1961	4	10	40	7	"	D	Clay boulders 58; grey limestone 87. Water at 87.
Con A	5	M.E. Scott	"	Feb. 8, 1964	4	5	35	35	"	S	Previously drilled 85; grey limestone 130; white Silica 132. Water at 132.
Con A	13	A. Rice	F.R. Cossette	Feb. 16, 1962	2	6	50	25	"	D	Topsoil 3; boulders sand gravel 75; grey limestone 95. Water at 95.
Con A	"	Mulligan Bros. Constr. Co.	Blair Phillips Drilling Co. Ltd.	Jul. 29, 1960	5	5	7	5	"	D	Water at 95. 59; grey limestone 110. Water at 100.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY - cont.										
Northower Twp.-cont.										
Con A lot 18	O. Pritchard	N. Mescher	Jan. 22, 1960	5	5	28	24	Fresh	D, S	Stony clay 72; limestone 100. Water at 100.
Con A lot 19	G. Greenberg	McLean Water Supply	Aug. 10, 1960	5	5	60	7	"	D	Blue clay 80; grey limestone 112. Water at 112.
Con A lot 19	H.C. Ginn	"	Jun. 28, 1961	6 1/2	15	4	"	"	D	Clay 40; fine sand 80; limestone 112. Water at 112.
Con A lot 19	E.C. Halliday	J.B. Dufresne Co.	Aug. 27, 1963	6	5	69	11	"	D	Sand 10; clay 55; boulders clay sand 60; grey limestone 70. Water at 65 and 66.
Con A lot 19	Metropolitan Homes Ltd.	" Ltd.	May 28, 1964	3	4	24	10	"	D	Sand 15; clay 80; gravel 83. Water at 80.
Con A lot 19	"	"	Jun. 6, 1964	3	4	30	8	"	D	Blue clay 20; gravel boulders 40; quicksand 45; boulders gravel 75; gravel 76. Water at 76.
Con A lot 20	Kirk Builders Ltd.	McLean Water Supply Ltd.	Mar. 5, 1963	6	7	15	6	"	D	Sand 4; clay 56; gravel 58; broken limestone 62; limestone 66. Water at 58 and 66.
Con A lot 20	"	Blair Phillips Drilling Co. Ltd.	May 18, 1963	4	6	25	17	"	D	Sand 68; grey limestone 93. Water at 93.
Con A lot 20	"	McLean Water Supply Ltd.	May 18, 1963	4	6	25	17	"	D	Sand 68; grey limestone 90. Water at 90.
Con A lot 20	"	"	Jun. 19, 1963	5	14	25	7	"	P	Sand 5; clay 44; boulder till 86; limestone 85. Water at 85.
Con A lot 20	Metropolitan Homes Ltd.	J.B. Dufresne & Co. Ltd.	Jul. 22, 1963	5	20	25	5	"	D	Sand clay 69; limestone 85. Water at 85.
Con A lot 20	Metropolitan Homes Ltd.	"	Oct. 23, 1963	100	50	5	3	"	D	Sand 10; clay 40; boulders clay sand 50; gravel 52. Water at 52.
Con A lot 20	Kirk Builders Ltd.	McLean Water Supply	Oct. 24, 1963	6	17	50	4	"	D	Sand 10; clay 40; clay boulders sand 50; gravel 55. Water at 55.
Con A lot 20	"	"	Nov. 30, 1962	5	10	12	10	"	D	Clay 40; sand 54; gravel 57; limestone 58. Water at 58.
Con A lot 20	Dale Constr. Co. Ltd.	Blair Phillips Drilling Co. Ltd.	Dec. 18, 1962	6	7	30	10	"	D	Clay 54; gravel 60; limestone 76. Water at 76.
Con A lot 20	Carlton Yacht & Golf Club	"	Jun. 20, 1963	4	10	10	8	"	D	Sand 6; clay 35; sandy clay 45; gravel 55; grey limestone 78. Water at 78.
Con A lot 20	"	"	Aug. 3, 1963	8	46	25	6	"	P	Sandy clay 64; limestone 115. Water at 115.
Con A lot 20	P. Picklyk	J.B. Dufresne & Co. Ltd.	Mar. 18, 1964	6	20	84	12	"	D	Sand 10; clay 50; gravel sand 62; limestone 84. Water at 82.
Con A lot 20	Simpson Homes	Capital Water Supply	May 29, 1964	5	10	32	30	"	D	Clay 73; limestone 84. Water at 83.
Con A lot 20	Ken Dale Constr. Co. Ltd.	Blair Phillips Drilling Co. Ltd.	Jul. 2, 1964	4	10	10	10	"	D	Blue clay 62; hardpan 66. Water at 66.
Con A lot 20	P. Picklyk	J.B. Dufresne Co. Ltd.	Aug. 17, 1964	6	5	55	7	"	D	Sand 10; blue clay 30; boulders 55; grey limestone 80. Water at 75.
Con A lot 20	Hardtke & Wyatt	Capital Water Supply	Aug. 31, 1964	5	7	85	28	"	D	Clay 50; sand 84; limestone 88. Water at 120.
Con A lot 20	H. Cronk	J.B. Dufresne Co. Ltd.	Sep. 18, 1964	3	4	30	12	"	D	Blue clay 20; gravel boulders 40; quicksand 45; boulders gravel 88; limestone 140. Water at 135.
Con A lot 20	Kirk Builders	McLean Water Supply Ltd.	Nov. 16, 1964	5	7	30	12	"	D	Silty clay 62; limestone 83. Water at 83.
Con A lot 21	Penn Can Development Ltd.	C.V. Morrison	Aug. 11, 1962	4	14	20	20	"	P	Dark sandy soil 14; blue clay 84; gravel 89; limestone 132. Water at 10 and 128.
Con A lot 21	H.J. Perkins	R.H. Millers Capital Water Supply	Nov. 22, 1963	2	5	18	6	"	D	Grey clay 62; limestone 140. Water at 140.
Con A lot 21	N. French	"	Jan. 7, 1964	5	10	76	6	"	D	Sand 10; clay 86; sand 91; blue limestone 153. Water at 152.
Con A lot 21	Kirk Builders Ltd.	McLean Water Supply Ltd.	Jan. 21, 1964	5	7	30	"	"	D	Clay 50; sand 64; limestone 88. Water at 88.

CARLETON COUNTY - cont.  
North Gower Twp.-cont.

Con	Lot	Owner	Capital Water Supply	Mar. 12, 1964	5	10	19	19	Fresh	D	Notes
Con A	" 21	R. Armstrong	Capital Water Supply	Mar. 12, 1964	5	10	19	19	"	D	Sand 10; clay 60; gravel 62; limestone 75. Water at 74.
Con A	" 21	Kirk Builders	McLean Water Supply Ltd.	May 28, 1964	6	10	7	6	"	D	Sand 57; limestone 70. Water at 70.
Con A	" 21	Metropolitan Homes	Capital Water Supply	Jun. 26, 1964	5	10	15	15	"	D	Clay 56; gravel 60; limestone 72. Water at 70.
Con A	" 21	Metropolitan Homes	"	Jun. 27, 1964	5	10	12	12	"	D	Clay 47; gravel 53; limestone 54. Water at 54.
Con A	" 21	Capital Homes	"	Jun. 30, 1964	5	10	23	12	"	D	Clay 60; gravel 64; limestone 67. Water at 67.
Con A	" 21	"	"	Jun. 3, 1964	5	10	14	12	"	D	Clay 50; gravel 58; limestone 71. Water at 70.
Con A	" 21	"	"	Jul. 18, 1964	5	10	15	15	"	D	Clay 4; gravel 54; limestone 72. Water at 70.
Con I	" 1	C.F.R.A. Radio Station	McLean Water Supply Ltd.	Jul. 18, 1961	5	50	30	4	"	D	Black muck 20; boulder till silt sand clay 48; limestone 60. Water at 60.
Con I	" 2	P. Ryan	"	Oct. 31, 1963	6	15	50	30	"	D, S	Boulder till 35; limestone 60. Water at 60.
Con I	" 2	J. Hollington	"	Aug. 24, 1964	3	20	40	8	"	D	Clay 20; sandy clay 48; limestone 85. Water at 65.
Con I	" 5	H.W. Cameron	P.R. Cossette	May 27, 1962	3	15	20	6	"	D	Sand Gravel boulders 60; grey limestone 80. Water at 80.
Con I	" 5	R.W. Hinson	J.B. Dufresne & Co. Ltd.	Sep. 27, 1963	3	85	198	12	"	D	Boulders hardpan 28; limestone 200. Water at 198.
Con I	" 6	A. Fisher	Capital Water Supply	Nov. 4, 1964	5	10	14	10	"	D	Sand 72; limestone 96. Water at 95.
Con I	" 9	J. Reynen	M. Meagher	Mar. 20, 1961	5	5	22	22	"	D	Gravel 73. Water at 73.
Con I	" 13	C. McLean	"	Mar. 29, 1964	5	4	20	22	"	D	Sand 18; clay boulders 38; limestone 44. Water at 44.
Con I	" 13	G. Berry	I. Simzer & Sons	Aug. 15, 1964	5	15	50	25	"	D	Hardpan boulders 52; fine sand 55; coarse gravel 57; grey limestone 119. Water at 118.
Con I	" 16	K. Chambers	Blair Phillips Drilling Co. Ltd.	Dec. 22, 1961	4	10	35	35	"	D	Gravel sand 65; boulders 72; grey limestone 87. Water at 87.
Con I	" 17	R. Boland	R. Miller	Jan. 29, 1963	2	6	35	27	"	D, S	Coarse gravel 68; soft grey limestone 118. Water at 118.
Con I	" 20	H. Wallace	Blair Phillips Drilling Co. Ltd.	Dec. 2, 1964	4	10	25	10	"	D, S	Sand 20; clay boulders 47; limestone 100. Water at 100.
Con I	" 21	J.O. Driscoll	P.R. Cossette	Jul. 24, 1961	2	5	40	27	"	D	Boulders gravel sand 79; grey limestone 159. Water at 159.
Con I	" 21	E. Adams	Blair Phillips Drilling Co. Ltd.	Aug. 1, 1961	4	10	7	7	"	D	Sand boulders 54; grey limestone 103. Water at 103.
Con I	" 21	S. Greer	I. Simzer & Sons	Jul. 4, 1963	5	15	16	14	"	D	Clay 8; fine sand 56; limestone 80. Water at 79.
Con I	" 22	A. Cooke	P.R. Cossette	Jul. 9, 1960	2	12	25	9	"	D	Brown clay 20; boulders gravel 60; grey limestone 67. Water at 67.
Con I	" 22	R. Greer	"	Jul. 20, 1960	2	15	20	11	"	D	Fine sand 18; boulders sand gravel 57; grey limestone 68. Water at 68.
Con I	" 22	F.O. Callaghan	"	Aug. 18, 1960	2	4	30	18	"	D	Boulders gravel 60; grey limestone 184. Water at 184.
Con I	" 22	F. Barclay	Blair Phillips Drilling Co. Ltd.	Jul. 2, 1962	2	10	22	22	"	D	Clay sandy clay 10; sandy clay boulders 47; large limestone boulder 57; sandstone boulder 57; gravel 58. Water at 58.
Con I	" 23	J. Lindsay	"	Feb. 9, 1960	5	6	20	18	"	D	Previously drilled 25; gravel boulders 62; limestone 90. Water at 90.
Con I	" 23	A. Barnett	V. Cossette	May 28, 1962	3	6	38	26 1/2	"	D	Sand clay 43; boulders gravel sand 80; limestone 93. Water at 91.
Con I	" 23	M. Barnett	Blair Phillips Drilling Co. Ltd.	Aug. 27, 1962	4	10	40	22	"	D	Sand 10; gravel boulders 40; fine sand 60; hardpan 80; sand 82; dark limestone 106; grey limestone 148; quartz 150. Water at 148.
Con I	" 23	P. MacDonald	M. Meagher	Oct. 14, 1964	5	5	10	10	"	D	Sandy clay 37; gravel 38. Water at 37.
Con I	" 25	W. Shienan	M. Cossette	Sep. 7, 1961	3	5	18	6	"	P	Clay 50; sand boulders 67; grey limestone 79. Water at 79.
Con I	" 27	P. Rose	Peabroke well Drilling	Jul. 2, 1962	5	13 1/2	8	7	"	D	Clay 20; coarse sand 50; running sand 65; limestone 75. Water at 73.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CHARLETON COUNTY - cont.										
North Lower Ry. - cont.										
Con I	H. Nowak	Blair Phillips Drilling Co. Ltd.	Nov. 30, 1962	5	10	10	8	Fresh	D	Clay boulders 51; grey limestone 87. Water at 87.
Con I	W. Bellman	Capital Water Supply	May 13, 1963	5	10	4	4	"	D	Sand 20; hardpan boulders 36; blue limestone 75. Water at 60 and 74.
Con II	J. Scott	W. Kite	Nov. 3, 1961	4	5	18	17	"	D	Boulders 27; grey black limestone 75. Water at 75.
Con II	Manderley Golf & Country Ltd.	J.B. Dufresne Co. Ltd.	Sep. 18, 1964	6	60	95	12	"	P	Hardpan boulders 15; hardpan 32; grey limestone 100. Water at 37, 50, 55 and 95.
Con II	E.B. Carson	C. Dufresne	Sep. 9, 1961	2	6	20	8	"	D	Sand boulder 30; limestone 66. Water at 66.
Con II	K.A. Veat	Fembroke well Drilling	Jul. 10, 1962	5	17 1/2	6	6	"	D	Clay 36; hardpan 45; limestone 65. Water at 60.
Con II	J. Moore	Blair Phillips Drilling Co. Ltd.	Jan. 2, 1962	5	20	7	7	"	D	Clay boulders 34; hard grey limestone 39. Water at 39.
Con II	W. Brassard	A. Gau'hler	Aug. 3, 1961	4	16	30	18	"	D	Hardpan 30; sand 48; grey limestone 50. Water at 48.
Con II	R. Gilling	"	Jan. 8, 1962	4	12	25	10	"	D, S	Hardpan 20; sand 67; limestone 75. Water at 72.
Con II	D. Dillon	"	Apr. 21, 1961	4	15	24	22	"	S	Hardpan 41; limestone 81. Water at 79.
Con II	C. McCoord	J.B. Dufresne & Co. Ltd.	Jul. 20, 1961	2	4	100	15	"	D	Gravel boulders 72; grey limestone 160. Water at 160.
Con II	D. Boland	A. Gau'hler	May 31, 1962	4	8	50	36	"	D, S	Hardpan 60; limestone 68. Water at 65.
Con II	J. Salter	"	Sep. 30, 1961	4	15	30	10	"	D, S	Hardpan 25; sand 46; limestone 52 1/2. Water at 48.
Con II	C. Ealen	"	Nov. 18, 1961	4	15	40	20	"	S	Hardpan 60; limestone 66. Water at 64.
Con II	Allied Build- ing Supply	J.B. Dufresne & Co. Ltd.	Aug. 2, 1963	2	5	20	7	"	D	Boulders 63; limestone 125. Water at 120.
Con III	"	"	Sep. 23, 1963	6	12	58	15	"	D	Sand boulders 33; limestone 60. Water at 57.
Con III	"	"	Sep. 24, 1963	6	17	58	15	"	D	Sand boulders 33; limestone 60. Water at 57.
Con III	J. Crawford	Capital Water Supply	Dec. 4, 1964	5	10	35	23	"	D, S	Hardpan boulders 50; limestone 89. Water at 87.
Con III	W. Bradley	R.H. Miller	Jan. 11, 1961	2	4	47	35	"	D, S	Hardpan boulders 60; grey limestone 281. Water at 281.
Con III	H.L. Craigs	McLean Water Supply Co.	May 25, 1964	6	5	60	30	"	D	Sand boulders 63; hard limestone 120. Water at 120.
Con III	D. Wallace	R.H. Miller	Nov. 19, 1964	2	8	24	20	"	D, S	Old well 29; soft grey limestone 59. Water at 58.
Con III	A. Taylor	"	Nov. 24, 1964	2	6	24	20	"	D, S	Old well 30; soft grey limestone 77. Water at 77.
Con III	M. McEwen	"	Dec. 21, 1960	2	8	42	30	"	D, S	Old dug well 33; hardpan boulders 65; grey shale 155. Water at 155.
Con III	Bell Telephone Co.	Blair Phillips Drilling Co. Ltd.	Feb. 17, 1960	5	10	8	4	"	P	Clay 30; limestone 78. Water at 60.
Con III	M. Heggins	R.H. Miller	Oct. 26, 1960	2	15	15	8	"	D	Grey clay 25; coarse gravel 31; grey shale 42. Water at 42.
Con III	W. Leach	"	Jun. 21, 1962	2	7	15	6	"	D	Hardpan boulders 28; soft limestone 46. Water at 46.
Con III	J.V. McPhee	"	Jul. 11, 1963	2	12	17	10	"	D	Grey clay boulders 30; soft grey limestone 44. Water at 44.
Con III	T. Murphy	"	Nov. 21, 1963	2	6	15	7	"	D	Grey clay 30; soft grey limestone 46. Water at 46.
Con III	C. Brown	"	Aug. 30, 1963	2	16	10	7	"	D	Grey clay 20; boulders 27; limestone 42. Water at 42.
Con III	D. Dunbar	Capital Water Supply	Nov. 25, 1964	5	10	35	18	"	D	Gravel boulders 51; limestone 85. Water at 85.
Con III	C. Pratt	R.H. Miller	Feb. 9, 1961	2	6	16	11	"	D	Grey clay 30; soft limestone 80. Water at 80.
Con III	E. Pratt	"	Feb. 14, 1961	2	8	15	12	"	C	Clay boulders 35; soft limestone 52. Water at 52.
Con III	E. Dobson	J.B. Dufresne Co. Ltd.	Dec. 21, 1960	2	6	35	20	Sulphur	D	Clay 43; sand gravel boulders 39; grey limestone 130. Water from 46 to 126.
Con IV	K. Ulatz	M. McLaughlin	Sep. 6, 1960	6	20	45	20	Fresh	D, S	Clay boulders 25; grey limestone 94. Water at 87.

## CARLETON COUNTY - cont.

North Gower Twp.-cont.	Con IV	lot 10	J. Montgomery	R.H. Miller	Feb. 7, 1961	2	12	22	18	Fresh	D,S	Old well 27; overburden 57; grey limestone 105. Water at 104. Hardpan 25; sand 50; limestone 56. Water at 50. Hardpan boulders 56; soft limestone 71. Water at 71. Loam 5; hardpan boulders 64; limestone 185. Water at 100 and 183.
	Con IV	"	J. Seabrook	A. Gauthier	Sep. 23, 1961	4	18	38	25	"	S	
	Con IV	"	D. McKinnon	R.H. Miller	Oct. 2, 1962	2	16	19	19	"	D	
Con IV	"	15	A. Stinson	Capital Water Supply	Oct. 8, 1964	5	65	65	35	"	D	Hardpan boulders 37; soft grey limestone 65. Water at 65. Grey clay large boulders 35; soft limestone 72. Water at 70. Fine grey sand clay 41; grey limestone 91. Water at 91. Clay 20; gravel 28; shale 46. Water at 46. Clay 33; limestone 75. Water at 65. Sandy loam 2; blue clay boulders 25; medium hard limestone 50. Water at 36 and 48. Clay boulders 40; limestone 81. Water at 60. Grey clay 30; gravel 33; grey shale 50. Water at 50. Grey clay 20; coarse gravel 28; grey shale 44. Water at 44. Grey clay 24; coarse gravel 37; grey shale 56. Water at 56. Old well 42; grey clay 30; soft grey shale 46. Water at 46. Gravel 30; sand 58; shale 122; hard limestone 307. Water at 307. Brown clay 25; soft grey limestone 55. Water at 55. Clay boulders 36; fine sand 44; grey limestone 105. Water at 100. Hardpan boulders 40; soft grey limestone 126. Water at 75 and 126. Hardpan boulders 55; grey shale 103. Water at 103. Grey sand clay boulders 60; black limestone 140. Water at 140. Clay 35; limestone 88. Water at 86. Clay boulders 20; sand gravel 32; limestone 85. Water at 83. Hardpan boulders 30; soft grey shale 44. Water at 44. Clay 6; boulders sand 51; grey limestone 76. Water at 76. Hardpan 20; gravel 50; hardpan large boulders 75; soft limestone 118. Water at 18.
	"	18	E. Craig	R.H. Miller	Nov. 1, 1962	2	8	25	20	"	D,S	
	Con IV	"	J. Perkins	McLean Water Supply	Aug. 19, 1964	5	10	24	30	"	D	
Con IV	"	20	M.J. Wallace	McLean Water Supply Ltd.	Jan. 27, 1961	5	10	35	30	"	D	Clay 20; gravel 28; shale 46. Water at 46. Clay 33; limestone 75. Water at 65. Sandy loam 2; blue clay boulders 25; medium hard limestone 50. Water at 36 and 48. Clay boulders 40; limestone 81. Water at 60. Grey clay 30; gravel 33; grey shale 50. Water at 50. Grey clay 20; coarse gravel 28; grey shale 44. Water at 44. Grey clay 24; coarse gravel 37; grey shale 56. Water at 56. Old well 42; grey clay 30; soft grey shale 46. Water at 46. Gravel 30; sand 58; shale 122; hard limestone 307. Water at 307. Brown clay 25; soft grey limestone 55. Water at 55. Clay boulders 36; fine sand 44; grey limestone 105. Water at 100. Hardpan boulders 40; soft grey limestone 126. Water at 75 and 126. Hardpan boulders 55; grey shale 103. Water at 103. Grey sand clay boulders 60; black limestone 140. Water at 140. Clay 35; limestone 88. Water at 86. Clay boulders 20; sand gravel 32; limestone 85. Water at 83. Hardpan boulders 30; soft grey shale 44. Water at 44. Clay 6; boulders sand 51; grey limestone 76. Water at 76. Hardpan 20; gravel 50; hardpan large boulders 75; soft limestone 118. Water at 18.
	Con IV	"	E. Hodges	R.H. Miller	Nov. 9, 1961	2	20	15	8	"	P	
	Con IV	"	J. Bernard	M. McLaughlin	Jun. 26, 1962	6	20	20	7	"	D	
Con IV	"	20	Gower Contr.	F.E. Johnston	May 31, 1963	5	10	5	3	"	P	Clay boulders 40; limestone 81. Water at 60. Grey clay 30; gravel 33; grey shale 50. Water at 50. Grey clay 20; coarse gravel 28; grey shale 44. Water at 44. Grey clay 24; coarse gravel 37; grey shale 56. Water at 56. Old well 42; grey clay 30; soft grey shale 46. Water at 46. Gravel 30; sand 58; shale 122; hard limestone 307. Water at 307. Brown clay 25; soft grey limestone 55. Water at 55. Clay boulders 36; fine sand 44; grey limestone 105. Water at 100. Hardpan boulders 40; soft grey limestone 126. Water at 75 and 126. Hardpan boulders 55; grey shale 103. Water at 103. Grey sand clay boulders 60; black limestone 140. Water at 140. Clay 35; limestone 88. Water at 86. Clay boulders 20; sand gravel 32; limestone 85. Water at 83. Hardpan boulders 30; soft grey shale 44. Water at 44. Clay 6; boulders sand 51; grey limestone 76. Water at 76. Hardpan 20; gravel 50; hardpan large boulders 75; soft limestone 118. Water at 18.
	Con IV	"	Post Office	Blair Phillips Drilling Co. Ltd.	Mar. 24, 1960	4	10	7	5	"	P	
	Con IV	"	H.L. Perkins	R.H. Miller	Oct. 19, 1960	2	15	14	6	"	D	
Con IV	"	21	H.L. Perkins	"	Oct. 21, 1960	2	15	14	6	"	D	Clay boulders 40; soft grey limestone 126. Water at 75 and 126. Hardpan boulders 55; grey shale 103. Water at 103. Grey sand clay boulders 60; black limestone 140. Water at 140. Clay 35; limestone 88. Water at 86. Clay boulders 20; sand gravel 32; limestone 85. Water at 83. Hardpan boulders 30; soft grey shale 44. Water at 44. Clay 6; boulders sand 51; grey limestone 76. Water at 76. Hardpan 20; gravel 50; hardpan large boulders 75; soft limestone 118. Water at 18.
	Con IV	"	L. Brownlee	"	Oct. 25, 1960	2	15	17	9	"	D	
	Con IV	"	T. Craig	"	Nov. 3, 1961	2	16	12	7	"	D	
Con IV	"	21	D. Daley	"	Dec. 1, 1961	2	5	18	13	"	D	Brown clay 25; soft grey limestone 55. Water at 55. Clay boulders 36; fine sand 44; grey limestone 105. Water at 100. Hardpan boulders 40; soft grey limestone 126. Water at 75 and 126. Hardpan boulders 55; grey shale 103. Water at 103. Grey sand clay boulders 60; black limestone 140. Water at 140. Clay 35; limestone 88. Water at 86. Clay boulders 20; sand gravel 32; limestone 85. Water at 83. Hardpan boulders 30; soft grey shale 44. Water at 44. Clay 6; boulders sand 51; grey limestone 76. Water at 76. Hardpan 20; gravel 50; hardpan large boulders 75; soft limestone 118. Water at 18.
	Con IV	"	H.L. Perkins	"	Dec. 20, 1962	2	8	3	3	"	In	
	Con IV	"	C. Pigeon	Blair Phillips Drilling Co. Ltd.	Jun. 21, 1960	4	20	23	10	"	D	
Con IV	"	22	G. Lines	R.H. Miller	Mar. 5, 1963	2	4	20	7	Sulphur	D	Clay boulders 40; soft grey limestone 126. Water at 75 and 126. Hardpan boulders 55; grey shale 103. Water at 103. Grey sand clay boulders 60; black limestone 140. Water at 140. Clay 35; limestone 88. Water at 86. Clay boulders 20; sand gravel 32; limestone 85. Water at 83. Hardpan boulders 30; soft grey shale 44. Water at 44. Clay 6; boulders sand 51; grey limestone 76. Water at 76. Hardpan 20; gravel 50; hardpan large boulders 75; soft limestone 118. Water at 18.
	Con IV	"	P. Hodge	"	Apr. 21, 1961	2	12	22	18	Fresh	D	
	Con IV	"	A. Wallace	McLean Water Supply Ltd.	Feb. 7, 1961	5	5	65	55	"	D,S	
Con IV	"	24	M. Foster	M. Weagher	Oct. 14, 1963	4	3	50	45	"	D,S	Clay boulders 40; soft grey limestone 126. Water at 75 and 126. Hardpan boulders 55; grey shale 103. Water at 103. Grey sand clay boulders 60; black limestone 140. Water at 140. Clay 35; limestone 88. Water at 86. Clay boulders 20; sand gravel 32; limestone 85. Water at 83. Hardpan boulders 30; soft grey shale 44. Water at 44. Clay 6; boulders sand 51; grey limestone 76. Water at 76. Hardpan 20; gravel 50; hardpan large boulders 75; soft limestone 118. Water at 18.
	Con IV	"	W. Bagers	R.H. Miller	Oct. 14, 1963	4	5	32	28	"	D,S	
	Con IV	"	W. McGurdy	P.R. Cossette	Apr. 17, 1961	2	15	18	13	"	D	
Con IV	"	36	J. McIntyre	R.H. Miller	Feb. 3, 1961	2	3	30	18	"	D	Clay boulders 40; soft grey limestone 126. Water at 75 and 126. Hardpan boulders 55; grey shale 103. Water at 103. Grey sand clay boulders 60; black limestone 140. Water at 140. Clay 35; limestone 88. Water at 86. Clay boulders 20; sand gravel 32; limestone 85. Water at 83. Hardpan boulders 30; soft grey shale 44. Water at 44. Clay 6; boulders sand 51; grey limestone 76. Water at 76. Hardpan 20; gravel 50; hardpan large boulders 75; soft limestone 118. Water at 18.
	Con IV	"	"	"	Apr. 27, 1964	2	4	21	18	"	D,S	
	Con IV	"	"	"	"	"	"	"	"	"	"	
Osgoode Twp.	BP	lot 1	R. Switzer	Capital Water Supply	Sep. 11, 1963	5	10	12	10	Fresh	C	Clay 30; clay boulders 40; blue limestone 60. Water at 50 and 59. Clay 15; clay boulders 28; gravel 32; blue limestone 83. Water at 75 and 82. Clay 21; boulders hardpan 24; blue limestone 50. Water at 48. Seapy clay 28; gravel 30. Water at 30. Clay 55; limestone 125. Water at 124. Blue clay 50; blue limestone 124. Water at 122. Sandy clay 20; boulders clay 32; large boulders 40; grey limestone 50. Water at 50. Clay 10; sand 19; hardpan 36; limestone 75. Water at 70. Old well 27; hardpan boulders 51; limestone 81. Water at 70 and 80.
	BP	"	M. Sherman	"	Oct. 28, 1963	5	10	37	27	"	D	
	BP	"	C. Wood	"	Mar. 28, 1963	5	10	15	7	"	D	
BP	"	3	E. Clark	M. Weagher	Oct. 17, 1964	4	8	Flows	"	"	D	Clay boulders 40; soft grey limestone 126. Water at 75 and 126. Hardpan boulders 55; grey shale 103. Water at 103. Grey sand clay boulders 60; black limestone 140. Water at 140. Clay 35; limestone 88. Water at 86. Clay boulders 20; sand gravel 32; limestone 85. Water at 83. Hardpan boulders 30; soft grey shale 44. Water at 44. Clay 6; boulders sand 51; grey limestone 76. Water at 76. Hardpan 20; gravel 50; hardpan large boulders 75; soft limestone 118. Water at 18.
	BP	"	J. Brown	E.E. Sparks	Nov. 8, 1961	4	6	20	7	"	D	
	BP	"	T. Naflie	"	Jul. 5, 1962	4	6	40	22	"	D	
BP	"	22	J. Marr	Blair Phillips Drilling Co. Ltd.	Jul. 20, 1962	4	10	22	22	"	D	Clay boulders 40; soft grey limestone 126. Water at 75 and 126. Hardpan boulders 55; grey shale 103. Water at 103. Grey sand clay boulders 60; black limestone 140. Water at 140. Clay 35; limestone 88. Water at 86. Clay boulders 20; sand gravel 32; limestone 85. Water at 83. Hardpan boulders 30; soft grey shale 44. Water at 44. Clay 6; boulders sand 51; grey limestone 76. Water at 76. Hardpan 20; gravel 50; hardpan large boulders 75; soft limestone 118. Water at 18.
	BP	"	G. Robert	Pembroke Well Drilling	Jul. 17, 1962	5	20	11	9	"	D	
	BP	"	C. Butler	Capital Water Supply	Aug. 27, 1963	5	10	42	35	"	D,S	

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY - cont.									
Osgoode Twp. - cont.									
" 10 23	W.H. Saunders	J.B. Dufresne Co. Ltd.	Aug. 6, 1963	2	5	60	Fresh	D	Sand gravel 58; rock 140. Water at 135.
" 29	N. Manning	McLean Water Supply Ltd.	Mar. 3, 1964	5	20	15	"	D	Sand gravel large boulders 32; gravel 37. Water from 32 to 37.
" 29	B. Driscoll	Blair Phillips Drilling Co. Ltd.	Jul. 24, 1964	4	6	15	"	D	Sand 40; limestone 75. Water at 75.
" 31	N. Musell	I. Simzer & Sons	May 16, 1960	5	15	30	"	D	Dug well 21; clay 70; fine gravel 82; limestone 114. Water at 114.
" 32	A. Musell	"	Jun. 25, 1960	5	15	40	"	D	Sand 15; clay 60; gravel 67; limestone 95. Water at 95.
" 33	H. Madon	E.E. Sparks Capital Water Supply	Jun. 14, 1962	4	8	5	Sulphur	D	Sand 25; blue hardpan 40; brown limestone 60. Water at 60.
" 33	D.O. Morley	"	Jul. 24, 1963	5	10	20	"	D	Clay 20; hardpan boulders 54; limestone 85. Water at 70 and 84.
" 34	R. Saunders	E.E. Sparks Capital Water Supply	Aug. 13, 1962	4	6	42	Fresh	D	Hardpan 38; limestone 58. Water at 55.
" 35	E. Rogers	B. Cossette	Sep. 23, 1961	2	3	25	"	P	Sand boulders 60; gravel 72; quicksand boulders 77; limestone 134. Water at 134.
" 35	W. Hunt	Capital Water Supply	Mar. 1, 1963	5	10	37	"	D, S	Boulders gravel; hardpan 90; blue limestone 170. Water at 140, 150 and 168.
" 40	R. Brownlee	"	Feb. 4, 1963	5	10	15	"	D, S	Sand 18; clay 48; hardpan 59; blue limestone 99. Water at 85 and 97.
" 1	J.E. Carruthers	F.R. Cossette	Oct. 15, 1960	2	6	50	"	D	Gravel boulders 52; grey limestone 105. Water at 105.
" 1	J. McDonald	R.A. Adams	Aug. 22, 1960	4	8	8	"	D	Blue clay 28; grey limestone 48. Water at 48.
" 1	Radeau Lumber	Blair Phillips Drilling Co. Ltd.	Jun. 22, 1961	2	8	35	"	C	Clay boulders 70; hardpan 73; grey limestone 121. Water at 121.
" 1	L. Cowan	Fentroke Well Drilling	Jun. 15, 1962	5	13 1/2	19	"	D	Clay boulders 29; limestone 90. Water at 83.
" 1	Housen Constr.	Capital Water Supply	Sep. 8, 1962	5	7	40	"	D	Clay 35; blue limestone 69; sandstone 72. Water at 70.
" 3	J.S. Hilton	J.B. Dufresne	May 12, 1961	2	8	20	"	D	Blue clay 20; boulders clay 28; limestone shale 60. Water at 58.
" 5	M. Shelaga	A. Cayer	Oct. 29, 1963	4	10	60	"	D	Gravel 5; sand 81. Water at 81.
" 6	H. Barnhart	McLean Water Supply Ltd.	Feb. 25, 1960	5	10	30	"	D	Sand boulders 60; limestone 100. Water at 100.
" 8	A. Fochuk	J.B. Dufresne Co. Ltd.	Aug. 12, 1961	2	8	30	"	D	Boulders gravel 42; blue limestone 76. Water at 74.
" 8	P. Tkachuk	"	Aug. 15, 1961	2	8	30	"	D	Boulders gravel 46; blue limestone 80. Water at 78.
" 8	R. Davidson	F.R. Cossette	Aug. 31, 1963	2	12	25	Sulphur	D	Boulders sand gravel 29; grey limestone 82. Water at 82.
" 9	L. Leblanc	J.E. Dufresne Co.	Jun. 3, 1960	2	12	22	Fresh	D	Clay 26; boulder gravel 43; limestone 90. Water at 85.
" 9	E.H. Russell	F.R. Cossette Ltd.	Oct. 11, 1962	3	6	Flows	"	D	Clay 45; sandy clay 49; limestone 91. Water at 91.
" 10	A. Wilson	"	Jul. 15, 1960	3	3	20	"	D	Blue clay 50; grey limestone 136. Water at 136.
" 11	J.E. Dupont	Blair Phillips Drilling Co. Ltd.	May 24, 1961	4	3	25	"	D	Sandy clay 44; grey limestone 94. Water at 90.
" 12	S. Martin	V. Cossette	Dec. 28, 1963	2	6	28	"	D	Sand gravel boulders 75; limestone 106. Water at 103.
" 13	F.B. Salbany	J.E. Dufresne Co. Ltd.	Apr. 17, 1964	2	15	20	"	D	Clay gravel 5; boulders sand gravel 69; grey limestone 157. Water at 155.
" 13	C.R. Deevy	Blair Phillips Drilling Co. Ltd.	Sep. 22, 1964	5	10	25	"	D	Clay boulders 54; broken limestone 60; limestone 98. Water at 98.
" 15	A.J. Kelly	F.R. Cossette	Feb. 23, 1960	3	12	25	"	D	Clay 50; sand 56; gravel 62. Water from 59 to 62.
" 15	J. Dirks	E.E. Sparks	Oct. 10, 1960	4	5	45	Sulphur	D	Blue clay 56; grey limestone 114. Water at 112.



CARLETON COUNTY - cont.  
Osceola Twp. - cont.

Con I	J. Dirks	E.E. Sparks	Oct. 14, 1960	4	6	20	Flows	Sulphur	D	Blue clay 56; grey limestone 64. Dry hole.
Con I	C.F. Dominic	C. Dufresne	Jun. 15, 1962	2	17	Flows	"	"	D	Clay 55; limestone 97. Water at 97.
Con I	A.J. Kelly	F.R. Cossette	Jun. 14, 1960	3	16	Flows	"	"	D	Clay 49; limestone 58. Water at 58.
Con I	J. Ross	"	Aug. 22, 1960	3	8	25	12	"	D	Blue clay 60; grey limestone 105. Water at 105.
Con I	R.R. McKibbin	"	Jul. 12, 1961	2	8	20	3	"	D	Boulders gravel sand 33; sand 50; boulders sand 61; grey limestone 91. Water at 91.
Con I	S.S. J. Separate School	"	May 9, 1962	2	20	40	3	"	P	Blue clay 48; sand boulders 55; grey limestone 109. Water at 109.
Con I	P. Lehman	J.B. Dufresne Co. Ltd.	Mar. 10, 1960	6	17	40	3	"	D	Clay 10; boulders gravel 43. Water at 43.
Con I	E. Kelly	V. Cossette Co. Ltd.	Dec. 24, 1960	4	8	28	6	"	D, S	Clay 17; sand hardpan gravel 44; grey limestone 113. Water at 110.
Con I	P. Shanahan	F.R. Cossette	Jul. 4, 1964	3	15	20	4	"	D	Clay 40; boulders sand 65; limestone 84. Water at 84.
Con I	N. Tressler	Blair Phillips Drilling Co. Ltd.	Jul. 16, 1964	4	10	40	3	"	D	Clay 66; grey limestone 90. Water at 90.
Con I	J. Piening	"	Oct. 27, 1962	4	5	55	6	"	D	Clay boulders 65; hard grey limestone 127. Water at 127.
Con I	M. Chambers	"	Sep. 3, 1962	5	10	40	3	"	D	Clay 85; gravel 92; grey limestone 120. Water at 120.
Con I	T. Standing	"	Nov. 19, 1962	4	10	40	3	"	D	Clay boulders 65; grey limestone 140. Water at 130.
Con I	S. Nelms	R.H. Casselman	Jan. 11, 1962	5	20	7	4	"	D	Sand 20; clay sand 53; clay sand gravel 57; light grey limestone 73. Water at 65.
Con I	J.R. Ferguson	J.B. Dufresne Co. Ltd.	Aug. 1, 1961	6	80	30	3	"	D, S	Blue clay 40; gravel 47. Water from 45 to 47.
Con I	Coady Constr. Co.	Capital Water Supply	Feb. 2, 1963	5	8	60	31	"	P	Sand 20; clay 36; hardpan 59; blue limestone 133. Water at 100, 120 and 131.
Con I	D. Ferguson	B.E. Sparks	Sep. 16, 1961	4	6	16	14	"	D	Clay Stone 30; limestone 40. Water at 39.
Con I	D. Cain	Capital Water Supply	Oct. 26, 1963	5	10	28	23	"	D	Sand 8; hardpan boulders 30; running sand 38; blue limestone 70. Water at 60 and 68.
Con I	G.R. Chapman	J.B. Dufresne Co. Ltd.	Dec. 15, 1964	2	4	25	15	"	D	Sand 30; limestone 78. Water at 75.
Con I	L. Hawkins	P.E. Johnston Drilling Co. Ltd.	Nov. 30, 1960	5	8	40	10	"	D, S	Sandy loam 15; fine grey sand 40; blue clay gravel 55; grey limestone 75. Water at 58 and 72.
Con I	K. Grump	"	Dec. 3, 1960	5	8	28	12	"	D, S	Sandy loam 5; brown sand 40; blue clay 63; gravel blue clay 65; grey limestone 87. Water at 74 and 87.
Con I	O. Bernicke	R.H. Casselman	Oct. 26, 1961	5	17	35	16	"	S	Old dug well 20; clay sand 40; clay gravel 54; limestone 70. Water at 65.
Con II	A. Miles	V. Cossette	Jul. 16, 1960	2	2½	55	27	"	D	Sand gravel boulders 32; grey limestone 67; sandstone 88. Water at 86.
Con II	W.A. Ficko	F.R. Cossette	Aug. 17, 1963	2	6	28	9	"	D	Topsoil 3; boulders sand gravel 27; grey limestone 79. Water at 79.
Con II	J. Eggers	M. Meagher	Nov. 8, 1961	4	4	28	24	"	D, S	Stony clay 37; limestone 84. Water at 84.
Con II	I. Shields	"	Jul. 13, 1962	5	6	10	8	"	D	Clay loam 48; gravel. Water at 48.
Con II	C. Kronmüller	Blair Phillips Drilling Co. Ltd.	Dec. 12, 1961	5	7	70	20	"	D, S	Previously dug well 18; clay boulders 46; hardpan 58; limestone 128; shale 133. Water at 133.
Con II	E. Charron	P.R. Constable	Mar. 7, 1962	2	4	60	13	"	D, S	Boulders sand gravel 57; grey limestone 111. Water at 111.
Con II	Hon. S. Murray	J.B. Dufresne Co. Ltd.	Feb. 6, 1961	6	7	30	10	"	D	Topsoil 4; boulders gravel sand 36; grey limestone 40. Water at 40.
Con II	H. Cleland	R.H. Casselman	Dec. 27, 1960	4	15	33	25	"	D	Old dug well 25; sand 65; grey limestone 89. Water at 80.
Con II	S.S. Osgeode	P.E. Johnston Drilling Capital Water Supply	Dec. 7, 1960	4	8	20	15	"	P	Previously drilled 86; gravel fine grey sand 87; grey limestone 105. Water at 92 and 103.
Con II	C. Dystra	"	Feb. 15, 1963	5	10	35	35	"	D, S	Sand 30; gravel sand 36; hardpan 81; limestone 91. Water at 90.
Con II	G. Duncan	"	Dec. 23, 1964	5	10	28	23	"	D, S	Gravel stones 36; sand boulders 60; hardpan boulders 70; limestone 90. Water at 89.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA. - METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CHALSTON COUNTY - cont.										
Osgood Pwp. - cont.										
Con III	J. H. Smiley	Caver Well Driller	Jun. 30, 1962	5	9	30	20	Fresh	D	Gravelly topsoil 40; hardpan 46; sandy rock 50. Water at 50.
Con III	B. Fogle	V. Cossette	Nov. 25, 1963	2	10	28	7	"	D	Sand gravel boulders 23; limestone 51. Water at 49.
Con III	G. Eyles	McLean Water Supply Ltd.	Aug. 4, 1961	6	8	50	12	"	D	Sand 18; limestone 60. Water at 60.
Con III	"	"	May 9, 1962	6	15	10 1/2	10	"	D	Sand gravel 18; limestone 60. Water at 60.
Con III	A. Verhey	J. Kettles	May 11, 1962	4	7	19	25	"	D	Sand 19; limestone 100. Water at 100.
Con III	G. Piper	F. H. Cossette	Nov. 21, 1962	4	7	15	13	"	S	Dark red sand 30; hard grey limestone 68. Water at 68.
Con III	B. Adams	"	Mar. 22, 1962	4	8	20	13	"	S	Boulders sand gravel 51; grey limestone 89. Water at 89.
Con III	B. Milligan	"	Oct. 26, 1961	4	5	20	18	"	D, S	Grey clay 36; gravel 38. Water at 38.
Con III	F. J. Gilling	F. H. Cossette	Oct. 26, 1961	4	5	30	23 1/2	"	D, S	Boulders sand 10; sand 86; gravel 90. Water at 90.
Con III	M. Nixon	A. Gauthier	Sep. 30, 1961	3	15	29	23	"	D	Hardpan 41; limestone 50. Water at 45.
Con III	L. Colley	J. B. Joffresne Co. Ltd.	Jan. 22, 1962	6	12	40	23	"	D	Clay 14; limestone 27. Water at 25.
Con III	M. Cameron	"	Jun. 11, 1960	6	12 1/2	40	23	"	D	Clay 14; limestone 27. Water at 25.
Con III	E. McFerrid	R. H. Casselman	Aug. 12, 1960	6	17	10 1/2	8	"	S	Gravel clay boulders 90. Water at 38.
Con III	D. Ferguson	I. Simzer & Sons	Aug. 12, 1960	6	15	50	22	"	D, S	Gravel 22; water at 30.
Con III	H. McConnell	R. H. Casselman	Nov. 25, 1960	5	17	35	15	"	D, S	Old well 17; hardpan 19; rock layers 25; grey limestone 77.
Con III	C. Brogan	Capital Water Supply	Feb. 4, 1964	5	10	6	6	"	D	Sand boulders 15; black gravel 22; limestone 57. Water at 55.
Con IV	D. Cain	"	Jul. 9, 1962	5	10	30	25	"	D	Sand 15; clay 30; sand 54; sand gravel 55; blue limestone 67 1/2.
Con IV	"	"	Jul. 16, 1962	5	10	26	26	"	D	Water at 65.
Con IV	A. Wasmund	Blair Phillips Drilling Co. Ltd.	Apr. 15, 1963	4	8	35	35	"	D	Sand 40; gravel fine sand 53; blue limestone 72. Water at 70.
Con IV	D. Cain	Capital Water Supply	Sep. 4, 1964	5	10	37	25	"	D	Sandy clay 6; grey limestone 74. Water at 74.
Con IV	F. Beavvais	W. A. Deevy	Oct. 9, 1964	3	4	30	18	"	D	Sand 9; clay 53; limestone 82. Water at 80.
Con IV	J. Morris	M. Meagher	Jul. 18, 1961	4	4	10	8	"	D	Topsoil 3; sand 20; sand boulders gravel 50; limestone 76.
Con IV	D. McLeod	F. R. Cossette	Sep. 1, 1960	2	4	30	12	"	D	Water at 70.
Con IV	"	"	Aug. 15, 1961	2	6	25	17	"	D	Sandy clay 7; boulders gravel 16; grey limestone 85. Water at 85.
Con IV	P. Baird	"	Aug. 17, 1961	2	3	25	16	"	D	Boulders gravel 14; grey limestone 55. Water at 53.
Con IV	R. Day	"	Aug. 21, 1961	2	12	20	1	"	D	Boulders gravel 10; grey limestone 73. Water at 70.
Con IV	G. M. McLaughlin	"	Jun. 10, 1964	2	7	30	17	"	D	Sandy clay 10; sand 25; gravel sand 36; gravel 39. Water at 39.
Con IV	G. Cassidy	McLean Water Supply Ltd.	May 15, 1961	7	5	70	27	"	D	Gravel sand boulders 18; limestone 74. Water at 74.
Con IV	H. Kaufman	V. Cossette	Jul. 13, 1961	2	10	28	9	"	D	Boulder till 14; black limestone 100. Water at 100.
Con IV	E. S. Beix	McLean Water Supply Ltd.	Jun. 15, 1962	7	10	40	12	Sulphur Fresh	D	Boulder gravel 14; grey limestone 36. Water at 35.
Con IV	H. Wootton	J. R. Kettles	Oct. 2, 1963	4	10 1/2	3	3	"	D	Sand boulders 26; limestone 50. Water at 50.
Con IV	A. W. Francis	Capital Water Supply	Feb. 12, 1964	5	10	15	10	"	D	Grey sand 15; sand boulders 35; gravel 40. Water at 40.
Con IV	E. Zuger	F. R. Cossette	May 12, 1964	2	3	30	1	"	D	Clay 22; limestone 79. Water at 78.
Con IV	Triple A Home - Ltd.	"	May 13, 1964	3	12	25	1	"	D	Sand 14; limestone 51. Water at 51.
Con IV	"	"	May 15, 1964	2	7	30	6	"	D	Sand gravel 15; sand 28; boulders gravel 33; limestone 58. Water at 58.
Con IV	"	"								Sand 18; boulders sand gravel 46; limestone 67. Water at 67.

CARLETON COUNTY - cont.

Osseote Con IV	Twp. - lot 6	cont.	Triple A Home Ltd.	F.R.Cossette	Jun.12,1964	2	12	30	3	Fresh	D	Sandstone 25;boulders sand gravel 37;limestone 56. Water at 56.
Con IV	"	6	"	"	Jun.16,1964	2	10	30	4	"	D	Sand gravel 18;boulders sand gravel 47;limestone 68. Water at 68.
Con IV	"	6	S. Ondraei	"	Jun.18,1964	3	10	25	2	"	D	Gravel sand 8;clay 15;sand 25;boulders gravel 30;limestone 67. Water at 67.
Con IV	"	7	M. Quinn	McLean Water Supply	May 11,1963	6	10	20	11	"	D,S	Sand 20;gravel 32;sandstone 36. Water at 32 and 36.
Con IV	"	15	M.J.Laughlin	"	May 14,1963	6	10	18	8	"	D,S	Sand 4;gravel 25;running sand 35;hard till 41;sandstone 45. Water at 4 and 45.
Con IV	"	36	C.McDiarmid	R.H.Casselman	Nov.28,1963	5	17	14	5	"	D,S	Clay 12;limestone 35. Water at 30.
Con IV	"	37	J.P.Alexander	J.B.Dufresne Co. Ltd.	Dec. 8,1960	6	2	60	38	"	D	Hardpan 40;grey limestone 61. Water at 58.
Con IV	"	39	J.McMartin	I.Simzer & Sons	Feb. 3,1960	5	17	2	1	"	D,S	Hardpan 34; limestone 102. Water at 102.
Con IV	"	41	R. Linton	J.B.Dufresne & Co. Ltd.	Jan. 4,1962	5	15	36	13	"	D	Till 25;limestone 40. Water at 36.
Con IV	"	42	R. Linton	"	Jul.11,1962	6	3	98	20	"	D,S	Blue clay 8;grey limestone 100. Water at 84.
Con IV	"	43	D.R.A.Webb	"	Jul.10,1962	6	12	35	33	"	D,S	Blue clay 10;grey limestone 50. Water at 44 and 48.
Con V	"	1	J. Morozuk	F.R.Cossette	May 26,1960	2	4	50	37	"	D	Clay 20;hard gravel sand 70;limestone 92. Water at 92.
Con V	"	1	J. Morozuk	F.E.Johnston Drilling Co.,Ltd.	Sep. 3,1960	5	8	60	28	"	D	Brown clay Gravel sand stones 23;hard grey limestone 78. Water at 46 and 69.
Con V	"	1	M. Froulx	M. Cayer	Apr.19,1961	4	10	45	35	"	D	Sand stone 10;sand 65;gravel 70;grey limestone 72. Water at 72.
Con V	"	1	G.J.Nevins	"	Apr.21,1961	4	10	40	30	"	D	Dug well 30;sand 50;stones 57;gravel 65. Water at 65.
Con V	"	1	P. Orpel	"	Oct.11,1961	5	5	33	9	"	D	Hardpan stone 15;hard grey rock 45. Water at 40.
Con V	"	1	D. Childs	F.E.Johnston Drilling Co.Ltd.	Nov. 8,1961	4	7	19	11	"	D	Boulders hardpan 13;hard grey limestone 34. Water at 29.
Con V	"	1	G. Bourque	A. Cayer	Apr.26,1962	4	8	45	40	"	D	Gravel 50;sand 81;rock 83. Water at 83.
Con V	"	1	P. Armstrong	A. Gauthier	May 28,1962	4	7	27	10	"	D	Hardpan 18;grey hard limestone 40. Water at 40.
Con V	"	1	J. Lavigne	W.C.Christy	May 31,1962	4	3	44	18	"	D	Coarse gravel 60;fine sand 72;grey limestone 100. Water at 90.
Con V	"	1	W. Baker	J. Kettles	Jul.22,1962	4	17	10	10	"	D	Fine grey sand 28;gravel boulders 33;hard grey limestone 56. Water at 56.
Con V	"	1	N. Kizell	McLean Water Supply Ltd.	Jun.17,1963	5	7	65	20	"	D	Sand 33;limestone 77. Water at 77.
Con V	"	1	L. Durocher	Cayer Well Drillers	Aug.18,1962	5	15	10	3	"	D	Sand 5;quicksand 20;hardpan 28;gravel 30. Water at 30.
Con V	"	1	M. Guay	A. Cayer	Jul.15,1963	7	6	64	36	"	D	Gravel 12;sand 65;gravel 82;rock 83. Water at 83.
Con V	"	1	J. Thompson	"	Jul.10,1963	4	6	85	38	"	D	Gravel 20;sand 70;gravel 82. Water at 82.
Con V	"	1	P. Morozuk	"	Aug.10,1963	4	1	25	10	"	D	Sand 15;hard grey limestone 85. Water at 70.
Con V	"	1	Renaud, Garage	W.C. Christy	Aug. 3,1963	4	3	20	14	"	C	Gravel 18;limestone 60. Water at 55.
Con V	"	1	H. Jones	J. Kettles	Jun. 9,1964	4	65	60	55	"	D	Gravel sand 50;white sand 65;gravel sand 75;gravel 80. Water at 80.
Con V	"	1	P. Morozuk	B.E.Sparks	Mar.30,1963	4	5	14	12	"	C	Hardpan 10;hard blue limestone 40. Water at 36.
Con V	"	2	D.P.Blaiz	Capital Water Supply	Nov.21,1963	5	10	42	32	"	C	Sand 30;hard limestone 75. Water at 74.
Con V	"	2	E. Rowan	"	Nov.16,1963	5	2	80	45	"	D	Sand 66;blue limestone 133. Water at 80 and 130.
Con V	"	2	J. Capill	J. Kettles	Aug.23,1962	4	21	18	18	"	D,S	Sand Gravel 25;coarse gravel 30. Water at 30.
Con V	"	2	"	"	Jul.28,1962	5	37	18	18	"	D,S	Coarse sand stones 20;fine sand 25;coarse gravel 30. Water at 30.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
OSAGE COUNTY - cont. Con V	E. Wallace	F.E. Johnston Drilling Co. Ltd.	Jun. 10, 1961	6	10	5	27	Fresh	D	Sand 6; sand fine gravel 12; coarse gravel 17. Water at 17.
Con V	B. Hill	H. Wegner	Aug. 5, 1961	4	4	16	14	"	D	Stony clay 20; gravel 22; grey limestone 48. Water at 48.
Con V	J. Lee	F.E. Johnston	Aug. 7, 1961	3	9	9	8	"	D	Stony loam 24; gravel 25. Water at 25.
Con V	I. Wallace	Drilling Co. Ltd.	Jul. 13, 1962	6	10	5	2	"	D	Sandy soil 11; fine gravel 18; coarse gravel 21. Water at 18 and 21.
Con V	D.E.O. Patrol Garage	R.D. Casselman	Nov. 11, 1961	6	20	30	7	"	P	Sand 15; sand gravel 24; limestone 76. Water at 70.
Con V	R. Scharff	Caver Well Drillers	Apr. 23, 1960	4	15	25	12	"	D	Sandy soil 20; quicksand 30; sand stone 49; hard rock 60.
Con V	S. Wadelek	"	May 18, 1961	4	12	15	5	"	D	Sandy soil 20; quicksand 30; sand 38; grey limestone 42.
Con V	"	"	Aug. 18, 1961	4	10	10	7	"	D	Sandy soil 12; quicksand 15; sand gravel 17; hard grey rock 23. Water at 23.
Con V	A. Wouters	B.E. Sparks	Sep. 14, 1962	5	6	6	2	"	D	Sand 21; limestone 27. Water at 26.
Con V	D. Cain	Capital Water Supply	Sep. 24, 1962	5	10	23	26	"	D	Gravel 20; sand 43; blue limestone 77. Water at 75.
Con V	A. Skrabs	B.E. Sparks	Oct. 27, 1962	4	6	8	5	"	D	Clay 16; limestone 25. Water at 24.
Con V	C. Stanley	Caver Well Drillers	Mar. 27, 1961	4	15	20	10	"	D	Sandy soil 10; hardpan 30; sand 34; hardpan 38. Water at 38.
Con V	P. McEvoy	"	Nov. 15, 1962	4	31	8	6	"	D	Sand 30; gravel 31. Water at 31.
Con V	C. Stanley	"	May 17, 1963	4	15	25	15	"	D	Hardpan boulder 40; gravel 47; rock 48. Water at 47.
Con V	"	"	Sep. 3, 1964	4	8	22	13	"	D	Sand 15; hardpan 30; gravel 35. Water at 35.
Con V	A.B. Benson	Capital Water Supply	Nov. 20, 1961	6	10	36	12	"	D	Hardpan boulders 31; blue black limestone 76. Water at 50 and 74.
Con V	R. Monnette	J.B. Dufresne & Co. Ltd.	Apr. 19, 1963	6	6	70	12	"	D	Grey limestone 80. Water at 72.
Con V	W. Clarke	Capital Water Supply	Dec. 20, 1963	5	10	20	14	"	D	Hardpan boulders 32; blue limestone. Water at 31.
Con V	R. Amyot	Caver Well Drillers	Jun. 2, 1962	4	15	18	4	"	D	Clay 10; hardpan 30; rock 32. Water at 30.
Con V	Y. Gravelle	"	Jun. 6, 1962	4	15	12	1	"	D	Clay 12; hardpan 22; gravel 27. Water at 27.
Con V	S.S. No. 14	"	Aug. 26, 1963	5	28	80	30	"	P	Hardpan stone 70; grey limestone 97. Water at 80.
Con V	S. Bridle	F.R. Cossette	Jul. 21, 1962	2	3	30	10	"	D, S	Sand 5; boulders gravel 10; grey limestone 116. Water at 116.
Con V	A. Mulligan	W.C. Christy	Sep. 6, 1960	4	3	21	9	"	D	Clay loam 20; grey limestone 43. Water at 40.
Con V	J. Vanbruggen	Capital Water Supply	Dec. 8, 1964	5	10	20	1	"	D, S	Hardpan boulders 42; limestone 89. Water at 87.
Con V	P. Acres	I. Simer & Sons	Sep. 3, 1962	5	15	50	45	"	D, S	Hardpan 10; limestone 102. Water at 102.
Con VI	W. McKenna	Moloughney	Jan. 12, 1960	5	6	45	35	"	D	Slit 20; boulders 32; limestone 70. Water from 67 to 70.
Con VI	G. Lacombe	McLean Water Supply	Aug. 9, 1961	6	5	70	10	"	D, S	Pine sand boulders 15; limestone 80. Water at 80.
Con VI	S. Cruell	J.R. Kertles	Mar. 10, 1962	4	46	12	12	"	D, S	Sand 15; blue clay 17; grey limestone 60. Water at 60.
Con VI	G. Jencz	Capital Water Supply	Aug. 4, 1964	5	10	30	18	"	D	Sand 8; clay 19; hardpan boulders 36; limestone 55. Water at 53.
Con VI	Leo's Live- stock Exchange	J.S. Dufresne Co Ltd.	Jul. 8, 1964	6	6	30	18	"	D	Boulders 10; hardpan 30; grey limestone 40. Water at 36.
Con VI	E. Stanley	A. Quinn Ltd.	Nov. 6, 1964	4	4	50	20	Sulphur	S	Previously dug 30; hard grey limestone 90. Water at 86.
Con VI	Leo's Live- stock Exchange	J.B. Dufresne Co. Ltd.	Apr. 10, 1962	6	15	50	12	Fresh	S	Till boulders 25; limestone 50. Water at 30, 38, and 45.



# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA - INCH METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON										
Oseode										
Con VI	S. Vogel	M. Meagher	Apr. 15, 1963	4	5	24	21	Fresh	D	Clay boulders 8; limestone 45. Water at 44.
Con VI	L. Brunton	J.H. Kettles	Feb. 21, 1964	4	4 1/2	24	20	"	D	Boulder loose rock 12; grey limestone 51. Water at 51.
Con VI	F. Acres	R.H. Casagrande	Jun. 13, 1964	5	3 1/2	80	16	"	D	Boulder hardpan 15; limestone 80. Water at 70.
Con VII	F.A.P. Marks	J.H. Kettles	Mar. 28, 1961	5	17	22	22	Sulphur	S	Topsoil 1; boulders pebbles clay 4; blue rock 25; brown limestone 30. Water at 25.
Con VII	C.S. Quailie	Cayer & Cayer	Feb. 19, 1960	4	12	30	Floors	Fresh	D,S	Dug well 12; blue clay 48; limestone 51. Water at 50.
Con VII	Poplar Grove Self Course	R.H. Casagrande	Jun. 11, 1962	6	20	6	"	"	P	Clay 54; clay gravel 57; limestone 72. Water at 65.
Con VII	Z. Elkmans	F.E. Johnston	Nov. 9, 1961	4 1/2	6	43	35	"	D,S	Previously drilled 65; grey limestone 95. Water at 90.
Con VII	E. Kaufert	Drilling Co. Ltd.	Jun. 2, 1962	5	5	30	20	"	D	Gravelly loam 3; hard blue limestone 50. Water at 45.
Con VII	R. Cooper	Capital Water Supply	Nov. 2, 1962	5	8	15	3	"	D	Previously drilled 22; limestone 49. Water at 45.
Con VII	Z. Elkmans	B.E. Sparks	Jan. 28, 1964	5	6	21	10	"	D	Topsoil 1; boulders pebbles clay 4; blue rock 25; brown limestone 30. Water at 25.
Con VII	Independent Holliness	"	Sep. 30, 1964	4	4	66	23	Sulphur	D	Previously dug well 73; hard grey limestone 78 1/2. Water at 76.
Con VII	G. Cooper	G. Desbrounne & Diamond & Cattle	Apr. 30, 1963	5	5	80	6	Fresh	D	Loam 3; grey limestone 50; black granite 95. Water at 95.
Con VII	J. Simpson	Capital Water Supply	Jul. 20, 1963	5	2 1/2	123	22	"	D,S	Sandy gravel boulders 12; limestone 123. Water at 70 and 120.
Con VII	T. Stacey	A.E. Quinn	Oct. 30, 1964	5	2	80	20	"	D,S	Previously dug well 75; black soft rock 100; hard grey limestone 116. Water at 100 and 113.
Con VII	J. Quinn	F.E. Johnston	Mar. 16, 1961	5	8	13	13	"	D	Dug well 16; hard grey limestone 34. Water at 19.
Con VII	"	A.E. Quinn	Jun. 23, 1964	5	9	26	18	"	D	Topsoil 2; boulders hardpan clay 12; fine sand 13; hard grey limestone 40. Water at 35.
Con VII	L. Dawser	J.E. Dufresne Co. Ltd.	Jun. 17, 1960	6	1	45	15	"	D	Clay 15; boulders gravel 30; limestone 45. Water at 40.
Con VII	C. Thompson	J.R. Kettles	Aug. 3, 1960	4	6	5	5	"	D	Boulder hardpan 18; hard grey limestone 40. Water at 40.
Con VII	R. Ross	"	Aug. 6, 1960	4	5	5	3	"	D	Blue clay 10; sand stones 18; hard grey limestone 38. Water at 38.
Con VII	F. Morris	F.E. Johnston	Mar. 30, 1961	5	8	16	4	"	D	Boulders sandy loam 8; boulders blue clay 18; grey limestone 60. Water at 30.
Con VII	D. Gales	Drilling Co. Ltd.	Dec. 20, 1960	4	6	30	10	"	D	Clay boulders 28; grey hard limestone 65. Water at 65.
Con VII	C. Reany	Blair Phillips	May 5, 1961	4	6	8	8	"	D	Topsoil boulders 29; hard limestone 61. Water at 61.
Con VII	G. Morris	Drilling Co. Ltd.	Jun. 10, 1961	4	4	8	5	"	D	Stones hardpan 16; gravel 20; hard grey limestone 45. Water at 45.
Con VII	P. Moulton	McLean Water Supply Ltd.	Aug. 4, 1961	6	8	30	10	"	D	Sand boulders 19; limestone 45. Water at 45.
Con VII	R. Dowser	Capital Water Supply	Jun. 20, 1962	5	6	35	14	Sulphur	D	Gravelly soil boulders 23; blue limestone 63. Water at 61.
Con VII	D. Morrow	M. Meagher	Jul. 30, 1962	4	4	14	12	Fresh	D	Clay 28; limestone 42. Water at 42.
Con VII	D. Cain	Capital Water Supply	Oct. 12, 1962	5	10	17	15	"	D	Boulders hardpan 16; blue limestone 42. Water at 41.
Con VII	"	"	Apr. 18, 1963	5	10			"	D	Hardpan boulders 15; blue limestone 30. Water at 25.



CARLETON COUNTY - cont.

OSgoode Twp. - cont.	lot 20	K. Cooper	Capital Water Supply	Jun. 22, 1963	5	4	35	4	Fresh	D	Sandy loam boulders 10; hardpan boulders 24; limestone 54. Water at 40 and 53.
Con VII	" 20	S. Jeacle	J.B. Dufresne Co. Ltd.	Jul. 31, 1963	5	10	9	8	"	D	Hardpan boulders 15; limestone 40. Water at 30 and 38.
Con VII	" 20	R. Rolston	Capital Water Supply	Oct. 25, 1963	6	9	38	4	"	D	Hardpan 23; rock limestone 38. Water at 37.
Con VII	" 20	D. Cain	Capital Water Supply	May 8, 1964	6	10	6	6	"	D	Clay boulders 19; limestone 42. Water at 42.
Con VII	" 20	J. Vanderydt	I. Simzer & Sons Ltd.	Jul. 29, 1964	5	10	15	12	"	D	Hardpan boulders 26; limestone 48. Water at 46.
Con VII	" 21	M. Morrison	J.B. Dufresne Co. Ltd.	Apr. 4, 1960	6	10	35	Flows	"	D	Clay boulders 25; limestone 39. Water at 39.
Con VII	" 21	G. Stuart	J.B. Dufresne Co. Ltd.	Jun. 21, 1960	6	50	55	9	"	D	Limestone 55. Water at 54.
Con VII	" 21	O. Craigs	J.R. Kettles	Jul. 10, 1960	4	5	55	28	"	D	Stony hardpan 14; hard grey limestone 45. Water at 45.
Con VII	" 21	M. Reany	"	Oct. 11, 1960	4	2	12	12	"	D	Boulder soil 22; grey limestone 60. Water at 60.
Con VII	" 21	A. Hamwell	"	Feb. 14, 1961	2 1/2	16	30	18	"	D	Topsoil stones 20; grey limestone 52. Water at 52.
Con VII	" 21	K. Johnson	P.E. Johnston Drilling Co. Ltd.	Mar. 21, 1961	5	16	30	18	"	D, S	Sand boulders topsoil 30; limestone 45. Water at 35.
Con VII	" 21	S. Bishop	J.R. Kettles	Jun. 18, 1961	4	5	46	46	Sulphur	D	Stony ground hardpan 28; soft grey limestone 48. Water at 48.
Con VII	" 21	P. Maddell	"	Jul. 27, 1961	4	4 1/2	20	20	Fresh	D, S	Stones topsoil 40; grey limestone 61. Water at 61.
Con VII	" 21	Royal Bank of Canada	J.B. Dufresne Co. Ltd.	Jul. 29, 1961	6	8	50	7	"	P	Boulders gravel sand 25; grey limestone 55. Water at 55.
Con VII	" 21	D. Cain	Capital Water Supply	Jun. 3, 1962	6	10	33	7	"	D	Sand boulders 32; grey blue limestone 53. Water at 45 and 52.
Con VII	" 21	J.W. Jeacle	"	Jun. 15, 1962	5	10	23	11	"	D	Gravelly sand boulders 23; blue limestone 40. Water at 38.
Con VII	" 21	B.C. Hunter	"	Sep. 10, 1963	5	10	15	12	"	D	Clay 10; blue limestone 61. Water at 60.
Con VII	" 21	G. Mackey	"	Oct. 1, 1963	5	10	12	2	"	D	Clay 20; hardpan boulders 26; blue limestone 37. Water at 37.
Con VII	" 21	K.A. McLean	"	Dec. 27, 1963	5	10	12	10	"	D	Clay 24; blue limestone 50. Water at 48.
Con VII	" 22	J.A. Stanton	"	Jun. 5, 1963	5	5	27	22	"	C	Gravelly loam 4; blue limestone 51. Water at 40 and 50.
Con VII	" 22	A. Bourbonnais	"	May 28, 1964	5	7	15	10	"	D	Loam boulders 7; limestone 70. Water at 45.
Con VII	" 24	D. Hope	M.C. Christy	Feb. 14, 1961	4	3	34	16	"	D	Gravel hardpan 22; gravel 32; limestone 80. Water at 46 and 70.
Con VII	" 25	E. Reaney	A.E. Quinns	Dec. 10, 1964	5	1 1/2	95	15	"	D	Clay loam gravel boulders 7; grey limestone 90; black rock 108 grey limestone 140; sandstone 168; grey limestone 205. Water at 18, 37, 95 and 195.
Con VII	" 27	I. Dow	P.E. Johnston Drilling Co.	May 10, 1961	4	6	18	15	"	D	Boulders hardpan 18; hard grey limestone 36. Water at 31.
Con VII	" 39	A. Stewart	A. Gauthier	Jun. 17, 1960	4	5	40	10	"	D	Hardpan 25; grey limestone 52. Water at 50.
Con VII	" 39	C. Thomas	"	Jul. 28, 1960	4	8	25	11	"	D	Hardpan 22; limestone 40. Water at 35.
Con VII	" 39	T. Ballie	"	May 15, 1961	4	10	20	9	"	D	Hardpan 32; limestone 37. Water at 33.
Con VII	" 39	Presbyterian Church	M. Meagher	Oct. 4, 1962	4	3	30	27	"	P	Loam 10; limestone 80. Water at 80.
Con VII	" 39	B. Porteus	Capital Water Supply	Jul. 12, 1963	5	5	45	26	"	D	Hardpan boulders 38; limestone 89. Water at 80 and 87.
Con VII	" 39	D. McDonald	M.C. Christy	Sep. 14, 1963	4	3	18	8	"	D	Blue clay 20; limestone 44. Water at 42.
Con VII	" 40	S. Fisher	J.B. Dufresne Co. Ltd.	Aug. 30, 1960	2	6	25	15	"	D	Clay gravel boulders gravel 32. Water at 48.
Con VII	" 40	B. Longstreet	K. Meagher	Sep. 21, 1962	4	3	20	16	"	D	Boulder clay 38; limestone 50. Water at 50.
Con VII	" 40	A. Hollis	J.R. Kettles	Jul. 1, 1964	5	3	17	12	"	D	Red clay 5; hardpan boulders 25; sandy clay 30; grey hard limestone 45. Water at 45.
Con VII	" 42	L. Hoy	M.C. Christy	Jul. 11, 1960	4	4	19	4	"	S	Blue clay 20; grey limestone 80. Water at 44 and 75.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING WATER	PUMP- PUMP- TEST	PUMP- PUMP- TEST	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY - cont.										
Osgoode Twp. - cont.										
Con VIII	A. Cooper	Capital Water	Oct. 26, 1964	5	8	78	57	Fresh	D/S	Hardpan boulders 7; limestone 144. Water at 142.
Con VIII	N. Cooper	"	Nov. 12, 1964	5	7	45	20	"	D	Sand boulders 6; limestone 92. Water at 90.
Con VIII	Pringle E. H.	Supply	Nov. 19, 1964	5	10	58	24	"	S	Hardpan boulders 8; limestone 122. Water at 80 and 120.
Con VIII	F.D. Coomes	J.R. Kettles	May 18, 1961	5	11	20	15	"	D/S	Rock topsoil 5; grey limestone 100. Water at 100.
Con VIII	A. Baker	F.E. Johnson	Nov. 23, 1961	4	9	36	16	"	S	Previously drilled 70; hard grey limestone 90. Water at 70 and 86.
Con VIII	E. Baker	Crilling Co. Ltd.	Sep. 13, 1964	4	5	28	28	"	D/S	Limestone 125. Water at 120.
Con VIII	S. Cairns	A. Kettles	Feb. 23, 1960	4	5	8	Flows	"	D/S	Boulders 4; hard grey limestone 46. Water at 44.
Con VIII	F.A. Chisholm	A. Kettles	Jun. 16, 1960	6	12	40	15	"	S	Gravel boulder 23; limestone 40. Water at 35.
Con VIII	G. Bray	"	Sep. 5, 1960	6	5	170	104	"	D/S	Boulders gravel 10; grey limestone 170. Water at 165.
Con VIII	J. Hill	"	Nov. 15, 1960	4	4	40	12	Subs. ur	D	Topsoil boulders 6; grey limestone 31. Water at 50.
Con VIII	Osgoode Twp.	"	Mar. 21, 1961	4	7	8	5	Fresh	P	Stones top soil 5; grey limestone 50. Water at 50.
Con VIII	A. Stacey	"	Apr. 23, 1961	4	4	48	148	"	D	Topsoil stones 2; hard grey limestone 144. Water at 144.
Con VIII	A. Palmer	"	Jul. 19, 1960	4	5	8	8	"	D	Boulder hardpan 45; hard grey limestone 45. Water at 45.
Con VIII	G. Bray	A. Kettles	Aug. 18, 1962	6	50	32	32	Subs. ur	D	Sand very hard clay boulders 12; grey limestone 140. Water at 135.
Con VIII	W. Fisher	Capital Water	Oct. 18, 1962	5	6	25	12	Fresh	D	Hardpan boulders 13; blue limestone 50. Water at 48.
Con VIII	G. Mackey	Supply	Jun. 5, 1964	5	8	47	40	"	D	Gravelly loam 3; limestone 85. Water at 84.
Con VIII	A. Cooper	A.C. Corbitt	May 18, 1960	4	4	23	9	"	D	Heavy loam 8; grey limestone 46. Water at 46.
Con VIII	W. Stanley	J.B. Kettles	Jan. 17, 1960	6	12	120	9	"	D	Limestone 120. Water at 120.
Con VIII	S. Maddell	"	Nov. 15, 1960	5	4	52	10	"	D	Topsoil 2; grey limestone 52. Water at 52.
Con VIII	M. Woods	J.R. Kettles	Feb. 25, 1961	4	3	5	5	"	D	Topsoil broken stones 15; hard grey limestone 52. Water at 52.
Con VIII	C. Johnston	F.B. Johnston	Mar. 4, 1961	5	8	18	4	"	D	Sandy loam boulders 6; blue clay boulders 12; grey limestone 55. Water at 32 and 48.
Con VIII	C.M. Pinning	Capital Water	May 30, 1961	6	15	25	5	"	P	Sandy clay boulders 7; greyish blue limestone 80; blue black limestone 128. Water at 35, 90 and 125.
Con VIII	A.R. Collingwood	J.B. Kettles	Jan. 1, 1961	6	40	75	20	"	D	Gravel clay boulders 17; grey limestone 75. Water at 30.
Con VIII	F. McEvoy	Carter Well	Oct. 6, 1961	4	10	66	30	"	D	Stone 2; hard rock 90; black rock 96. Water at 90.
Con VIII	A. Carsons	Capital Water	Jan. 12, 1962	6	10	25	12	"	D	Sandy loam boulders 8; blue grey limestone 63. Water at 45 and 62.
Con VIII	K. Buchanan	Carter Well	Aug. 17, 1962	4	6	60	50	"	D	Topsoil 4; hard limestone 88. Water at 85.
Con VIII	D. Cain	Capital Water	Jul. 19, 1962	5	10	20	5	"	D	Clay 20; blue limestone 48. Water at 47.
Con VIII	K. Metcalfe	Supply	Oct. 17, 1962	5	6	29	12	"	P	Hardpan boulders 4; blue grey limestone 50. Water at 48.
Con VIII	United Church	J.R. Kettles	Dec. 7, 1962	4	5	48	28	"	In	Broken rock topsoil 3; hard grey limestone 100. Water at 95.
Con VIII	K.R. Benson	Capital Water	Jan. 7, 1963	5	5	22	14	"	D	Hardpan boulders 6; blue limestone 45. Water at 44.
Con VIII	D. Cain	"	Sep. 2, 1963	5	10	25	25	"	D	Sandy loam 4; sand boulders 15; blue limestone 60. Water at 40 and 58.
Con VIII	"	"	Sep. 4, 1963	5	3	60	25	"	D	Fill 4; blue limestone 77. Water at 40 and 60.

CARLETON COUNTY - cont.  
Osborne Twp. - cont.

Con	Lot	D. Cain	Capital Water	Sep. 7, 1963	5	10	7	5	Fresh	D	Sand 7; blue limestone 50. Water at 49.
Con VIII	" 22	L.J. VanRens	J.B. Dufresne Supply	Aug. 10, 1960	6	2	160	12	Fresh	D, S	Clay 4; grey limestone 240. Dry hole.
Con VIII	" 22	L.J. VanRens	J.B. Dufresne Supply	Aug. 11, 1960	6	2	160	12	Fresh	D, S	Clay 3; grey limestone 160. Water at 140.
Con VIII	" 23	B. Davis	A. Gauthier	May 18, 1960	4	12 1/2	15	3	"	D	Hardpan 13; grey limestone 35. Water at 30.
Con VIII	" 23	J. Fitzsimmons	J.B. Dufresne Co. Ltd.	Dec. 15, 1960	6	2 1/2	90	35	"	D, S	Brown sand boulders 34; grey limestone 95. Water at 90.
Con VIII	" 24	H. Holtzclaw	A. Gauthier	May 25, 1960	4	5	35	12	"	D	Hardpan 31; grey limestone 50. Water at 48.
Con VIII	" 26	B. Galloway	J.R. Kettles	Aug. 28, 1962	4	20	12	4	Sulphur	D, S	Hardpan boulders 31; limestone 68. Water at 60.
Con VIII	" 37	C. Savage	R.H. Casselman	Oct. 27, 1960	5	10	60	21	Fresh	D	Old dug well 39; clay sand gravel 55; grey limestone 171. Water at 161.
Con VIII	" 41	D. MacDonald	A. Gauthier	Apr. 10, 1963	4	6	35	10	"	D	Hardpan 30; limestone 51. Water at 50.
Con IX	" 17	C.S. McLaren	R.H. Casselman	Jun. 6, 1962	5	7	130	28	"	D	Topsoil rock layers 4; grey limestone 86; grey limestone 138. Water at 130.
Con IX	" 19	W. VanderTill	J.B. Dufresne & Co. Ltd.	Jan. 9, 1961	6	3	57	13	"	D	Boulder clay 10; rock grey limestone 75. Water at 57.
Con IX	" 20	E. Marion	M. Meagher	Apr. 23, 1963	4	6	16	14	"	C	Clay loam 10; limestone 51. Water at 50.
Con IX	" 22	E. Woods	J.B. Dufresne & Co. Ltd.	Jun. 22, 1960	6	5	97	22	"	D, S	Blue clay 25; grey limestone 97. Water at 90.
Con IX	" 23	E. Frollich	Capital Water Supply	Jul. 1, 1963	5	10	11	3	"	D	Clay 20; boulders gravel 24; limestone 55. Water at 54.
Con IX	" 25	K. Kingsbury	McLean Water Supply Ltd.	Jun. 24, 1963	6	15	100	25	Sulphur	D, S	Sand boulders 16; limestone 160. Water at 156.
Con IX	" 26	J. Yanon	W.C. Christy	Mar. 24, 1961	4	4	21	4	Fresh	D	Black loam 7; grey limestone 43. Water at 43.
Con IX	" 28	G. Bowman	B.E. Sparks	Aug. 30, 1962	4	6	35	12	"	D	Loam 6; boulders 20; limestone 58. Water at 57.
Con IX	" 28	I. Quinn	P.E. Johnston	Jan. 26, 1963	4	4	65	19	Sulphur	D	Previously dug hole 20; hardpan boulders 29; blue shale 31; fine grey sand 35; blue shale 39; fine grey sand 47; fine gravel 49; brown limestone 82. Water at 34 and 79.
Con IX	" 29	United Church	J.R. Kettles	Sep. 5, 1960	4	24	50	18	Fresh	D	Fill 5; boulder hardpan 50; gravel 60. Water at 60.
Con IX	" 29	D. Ladouceur	Blair Phillips Drilling Co. Ltd.	Feb. 10, 1961	5	6	30	20	"	D	Clay boulders 40; grey hard limestone 77. Water at 77.
Con IX	" 38	R. Pressley	R.H. Casselman	Nov. 18, 1960	5	4	50	17	"	D, S	Topsoil 2; sand gravel 25; grey limestone 58. Water at 48.
Con X	" 1	Edwards	Capital Water Supply	Sep. 20, 1963	6 1/2	10	9	9	Salty	P	Sand 6; clay 108; sand gravel 112. Water at 112.
Con X	" 5	T. Michers	W.C. Christy	Jul. 19, 1961	4	3	15	11	Fresh	D, S	Clay loam 20; black shale 73. Water at 70.
Con X	" 7	S. James	S. G. Bourgeois	Feb. 14, 1962	4	3	19	2	"	D, S	Loam 15; blue clay 100; black shale 123. Water at 120.
Con X	" 21	G. Lafrance	J.B. Dufresne Co. Ltd.	Aug. 19, 1964	5	4	25	12	"	D, S	Hardpan 18; red shale 37. Water at 35.
Con X	" 22	S.S. 13	J.B. Dufresne Co. Ltd.	Sep. 24, 1960	6	1 1/2	180	35	"	P	Grey limestone 180. Water at 160.
Con X	" 22	E. McKown	W.C. Christy	May 7, 1963	4	3	14	9	"	D, S	Hardpan gravel 18; grey limestone 45. Water at 45.
Con X	" 27	G. Bowman	J.R. Kettles	Jun. 3, 1961	4	6	6	6	"	D	Boulders hardpan 12; grey limestone 27. Water at 27.
Con X	" 29	G. Ledouceur	J.R. Kettles	Sep. 12, 1960	4	6	8	8	"	D	Boulder hardpan 20; hardpan 45; gravel 53. Water at 53.
Con X	" 31	E.W. Hall	Cayer Well Drilling	Oct. 7, 1961	4	10	38	20	"	D	Sandy soil 3; brown clay stone 45; gravel sand 47; hard grey rock 56. Water at 55.
Con XI	" 29	S.A. Part	W.C. Christy	Jun. 12, 1962	4	3	19	6	"	D, S	Blue clay 12; sand gravel 35; grey limestone 73. Water at 70.
Con XI	" 30	R. Sharp	J.B. Dufresne	Sep. 6, 1960	6	117	40	4	"	D, S	Blue clay 22; grey limestone 40. Water at 36.
Con XI	" 44	C. Piche	Avg. 1, 1963	Aug. 1, 1963	6	3	35	17	"	D, S	Fill 18; rock limestone 40. Water at 35.
Long Island	"	M. Stapledon	Blair Phillips Drilling Co. Ltd.	Jan. 23, 1962	4	10	49	35	"	P	Previously drilled 29; clay boulders 44; grey limestone 84. Water at 84.
Long Island	"	J. Bombout	M. Meagher	May 15, 1962	4	6	20	14	"	D	Sandy clay 40; gravel 46; limestone 74. Water at 74.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



## APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

## CARLETON COUNTY - cont.,

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1.2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY - cont.										
Ottawa City- cont.										
Ottawa City	Sun Oil Co.Ltd.	J.B.Dufresne Co. Ltd.	Feb.24,1961	6	10	57	30	Fresh	C	Blue clay 40;gravel 67. Water from 57 to 67.
Ottawa City	British Petroleum Service Station	"	Aug.31,1961	6	83	100	25	"	C	Blue clay 40;clay boulders 27;grey limestone 105. Water at 105.
Ottawa City	W.H.Walaszczak	McLean Water Supply	Jul. 5,1962	6	5	50	8	"	D	Sand 20;limestone 60. Water from 40 to 60.
Ottawa City	J.B.Constr.Co.	Blair Phillips Drilling Co.Ltd.	Jan.21,1960	5	10	5	3	"	D	Clay 13;limestone 83. Water at 83.
Ottawa City	R.McEwen	"	Feb. 3,1960	5	7	60	25	"	D	Silt 33;limestone 237. Water from 90 to 100, 145 to 150 and 231 to 237.
Ottawa City	E.Bartoli	Blair Phillips Drilling Co.Ltd.	Peb.13,1960	6	5	40	20	"	D	Silt 6;limestone 100. Water from 90 to 100.
Ottawa City	Imperial Oil Ltd.	McLean Water Supply Ltd.	Mar.29,1960	6	20	17	15	"	C	Sand 67;limestone 180. Water at 160.
Ottawa City	R.E.Addison	Blair Phillips Drilling Co.Ltd.	Jul.26,1960	5	7	27	15	"	D	Topsoil 20;grey limestone 80. Water at 80.
Ottawa City	City ofOttawa	"	Jul.27,1960	7	50	54	20	"	P	Grey clay 23;limestone 235. Water at 200.
Ottawa City	Delchi Constr. Ltd.	McLoughney	Aug. 4,1960	5	4	60	25	"	D	Silt 25;grey limestone 95. Water at 60 and 95.
Ottawa City	Hiatt Homes Ltd.	"	Aug.12,1960	5	6	55	27	"	D	Silt 10;grey limestone 127. Water at 75 and 127.
Ottawa City	Bank of Montreal	Blair Phillips Drilling Co.Ltd.	Aug.23,1960	2	2	337	30	"	N	Grey clay 46;fine sand 47;grey limestone 337. Water at 187.
Ottawa City	Royal Bank	J.B.Dufresne Co. Ltd.	Nov. 1,1960	6	30	48	15	"	C	Clay 12;sand gravel 40;boulders gravel 48. Water at 33.
Ottawa City	Hobin Homes Ltd.	McLean Water Supply Ltd.	Jan.15,1962	6	5	70	10	"	D	Sand boulders 14;limestone 100. Water at 100.
Ottawa City	Housen Constr.	Capital Water Supply	Nov.15,1962	5	10	27	17	"	D	Gravelly fill 10;clay 20;clay boulders 24;gravel 26;blue limestone 72. Water at 70.
Ottawa City	Aladdin Investments	McLean Water Supply Ltd.	Aug. 9,1963	6	11	150	12	Sulphur	C	Fill 4;sand gravel 23;limestone 310. Water from 80 to 310.
Ottawa City	A.H.Stein Ltd.	J.B.Dufresne Co. Ltd.	Oct. 6,1960	6	5	70	34	Fresh	D	Blue clay 38;gravel clay sand 48;grey limestone 70. Water at 64.
Ottawa City	Pourmier Van & Storage	"	Aug. 8,1961	6	2	95	55	"	C	Blue clay 25;black shale 100. Water at 35 and 90.
Ottawa City	Sun.Tube of Can.Ltd.	"	Jun.24,1963	6	30	80	10	Sulphur	In	Fill 10;gravel boulders 25;grey limestone shale 80. Water from 30 to 75.
Ottawa City	K. Cloutier	W. Cossette	Sep.26,1963	2	2	28	10	Fresh	C	Broken shale 17;limestone 63;black shale 66. Water at 57.
Richmond Village										
Richmond Vlg.	T. Ekart	B.E.Sparks	Jan.14,1960	4	6	1	Flows	Fresh	D	Previously drilled 42;limestone 53. Water at 52.
Richmond Vlg.	H. Caron	W. Cossette	May 2,1960	2	2	28	4	"	D	Brown clay 8;grey sand boulders 16;soft grey limestone 170. Water at 67.
Richmond Vlg.	M. Daly	B.E. Sparks	May 24,1960	4	6	8	5	"	D	Clay 27;limestone 41. Water at 30.
Richmond Vlg.	S. Rie	"	May 26,1960	4	7	4	2	"	D	Clay 24;limestone 30. Water at 29.
Richmond Vlg.	W. Brown	McLoughney	Jun. 6,1960	5	5	25	5	"	D	Silt 23;grey limestone 51. Water at 41 and 51.



CARLETON COUNTY - cont.

Richmond Village cont'd	B. Bradley	B. Sparks	Jun. 9, 1960	4	6	4	2	Fresh	D	Clay 29; limestone 31. Water at 29.
Richmond Vlg.	B. Birtch	Moloughney	Jun. 10, 1960	5	5	27	4	"	D	Silt 18; grey limestone 66. Water at 35 and 66.
Richmond Vlg.	R. C. Jamieson	Blair Phillips Drilling Co. Ltd.	Jun. 13, 1960	10	10	10	5	"	D	Clay sand 25; limestone 61. Water at 60.
Richmond Vlg.	J. E. Gamble	B. Sparks	Jun. 13, 1960	4	8	6	3	"	C	Clay 28; limestone 40. Water at 38.
Richmond Vlg.	J. Condy Const.	McLean Water Supply Ltd.	Jun. 23, 1960	8	45	20	8	"	P	Sand boulders 24; grey limestone 80. Water at 80.
Richmond Vlg.	S. Rae	B. E. Sparks	Aug. 1, 1960	4	6	50	4	"	D	Clay 21; limestone 65. Water at 55.
Richmond Vlg.	H. Cameron	B. E. Meagher	Aug. 4, 1960	4	6	Flows	Flows	"	D	Grey clay 26; limestone 45. Water at 45.
Richmond Vlg.	R. Ratzel	B. E. Sparks	Aug. 5, 1960	4	6	6	5	"	D	Clay 13; broken limestone 20; limestone 59. Water at 55.
Richmond Vlg.	L. M. Frizell	V. Cossette	Aug. 5, 1960	2	28	10	5	"	D	Sand clay gravel 12; grey limestone 56. Water at 54.
Richmond Vlg.	S. Rae	B. E. Sparks	Aug. 8, 1960	4	7	8	8	"	D	Clay 23; limestone 27. Water at 26.
Richmond Vlg.	E. Barton	W. E. Sparks	Aug. 24, 1960	4	6	5	4	"	D	Loam 14; grey limestone 45. Water from 43 to 45.
Richmond Vlg.	Corp. of Richmond	"	Sep. 14, 1960	4	10	6	2	"	P	Clay loam 27; grey limestone 55. Water from 53 to 55.
Richmond Vlg.	A. Jamieson	M. Meagher	Sep. 16, 1960	4	5	12	12	"	D	Clay loam 24; grey limestone 50. Water at 50.
Richmond Vlg.	S. Featherstone	P. P. Sparks	Dec. 9, 1960	4	15	15	10	"	D	Blue clay 30; grey limestone 60. Water at 20.
Richmond Vlg.	H. Cameron	B. E. Meagher	Dec. 22, 1960	4	10	Flows	Flows	"	D	Sandy clay 30; grey limestone 46. Water at 46.
Richmond Vlg.	S. Rae	B. E. Sparks	Jan. 10, 1961	4	6	10	8	"	D	Blue clay 18; blue limestone 35. Water at 35.
Richmond Vlg.	H. Cameron	"	Jan. 10, 1961	4	6	14	8	"	D	Blue clay 29; blue limestone 42. Water at 41.
Richmond Vlg.	H. Sample	M. Meagher	Mar. 1, 1961	4	6	6	6	"	D	Clay 32; grey limestone 58. Water at 58.
Richmond Vlg.	E. Hepton.	"	Mar. 3, 1961	4	3 1/2	5	5	"	D	Clay 23; grey limestone 45. Water at 45.
Richmond Vlg.	C. Hall	"	Mar. 10, 1961	4	4	Flows	Flows	"	D	Clay 22; gravel 24; grey limestone 46. Water at 46.
Richmond Vlg.	E. Kirkham	M. McLaughlin	May 22, 1961	6	20	Flows	Flows	"	D	Clay 21; limestone grey rock 48. Water at 40.
Richmond Vlg.	S. Rae	F. P. Sparks	Jul. 3, 1961	4	5	20	3	"	D	Blue clay 30; grey limestone 50. Water from 50 to 50.
Richmond Vlg.	J. Young	B. Sparks	Jul. 28, 1961	4	5	6	3	"	D	Blue clay 31; limestone 50. Water at 29.
Richmond Vlg.	S. Rae	F. P. Sparks	Aug. 2, 1961	4	5	10	Flows	"	D	Blue clay 30; grey limestone 50. Water from 35 to 50.
Richmond Vlg.	P. Newlands	B. E. Sparks	Aug. 5, 1961	4	2	4	3	"	D	Clay 12; limestone 67. Water at 64.
Richmond Vlg.	N. Carrigan	W. E. Sparks	Aug. 17, 1961	4	5	12	10	"	D	Clay loam 20; grey limestone 73. Water from 70 to 73.
Richmond Vlg.	L. Jennings	Capital Water Supply	Sep. 2, 1961	6	10	24	4	"	D	Clay 29; gravel 31; blue limestone 51. Water at 40 and 50.
Richmond Vlg.	J. P. Magras	K. Meagher	Nov. 27, 1961	4	6	8	8	"	D	Clay loam 34; limestone 58. Water at 58.
Richmond Vlg.	Const. Co.	F. P. Sparks	Mar. 11, 1962	4	5	15	12	"	D	Blue clay 20; limestone 60. Water from 40 to 60.
Richmond Vlg.	D. Sadler	Capital Water Supply	Mar. 29, 1962	5	10	17	8	"	D	Sandy clay boulders 23; blue limestone 80. Water at 60, 70 and 76.
Richmond Vlg.	H. Cooke	M. McLaughlin	Apr. 19, 1962	6	20	17	9	"	D	Clay boulders 23; gravel 27; limestone 60. Water at 52.
Richmond Vlg.	S. Laffin	"	Apr. 20, 1962	6	10	70	10	"	D	Clay 31; limestone 122. Water at 114.
Richmond Vlg.	F. Kemp	W. J. King	May 29, 1962	4	5	8	8	"	D	Blue clay 11; hard limestone 65. Water at 65.
Richmond Vlg.	F. Zeager	K. McLaughlin	Jun. 7, 1962	6	20	40	5	"	D	Clay 30; limestone 80. Water at 60.
Richmond Vlg.	S. Rae	"	Jun. 7, 1962	6	20	40	5	"	D	Clay 30; limestone 63. Water at 60.
Richmond Vlg.	L. Wilson	B. E. Sparks	Jul. 12, 1962	6	7	18	12	"	D	Clay 10; limestone 53. Water at 52.
Richmond Vlg.	"	McLean Water Supply	Aug. 1, 1962	6	7	70	6	"	C	Sand boulders 29; limestone 140. Water at 140.
Richmond Vlg.	B. Laffin	B. Sparks	Oct. 5, 1962	4	6	14	12	"	D	Previously dug 12; limestone 55. Water at 50.
Richmond Vlg.	L. Alna	F. P. Sparks	Nov. 3, 1962	4	5	15	Flows	"	D	Blue clay 35; limestone 50. Water at 50.
Richmond Vlg.	G. Best	McLean Water Supply Ltd.	Dec. 3, 1962	6	7	20	2	"	D	Clay 22; limestone 40. Water at 40.
Richmond Vlg.	Suburban Rds Commission	Capital Water Supply	May 16, 1963	5	5	30	2	"	C	Clay 34; blue limestone 90. Water at 60 and 88.
Richmond Vlg.	H. Moore	F. P. Sparks	May 20, 1963	4	5	20	10	"	D	Blue clay 30; limestone 50. Water at 48.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY - cont. Richmond Village cont.										
Richmond Vlg.	Andrew Bros. Const.	Capital Water Supply	May 29, 1963	5	5	30	Flows	Fresh	C	Clay 27;blue limestone 80. Water at 50 and 79.
Richmond Vlg.	O. Kearns	"	Jun. 14, 1963	5	10	7	5	"	D	Clay 16;blue limestone 64. Water at 40 and 63.
Richmond Vlg.	S. Rea	"	Jun. 18, 1963	5	10	7	5	"	D	Clay 17;blue limestone 63. Water at 45 and 62.
Richmond Vlg.	E. Rea	"	Jul. 1, 1963	5	10	4	10	"	D	Clay 34;limestone 65. Water at 50 and 64.
Richmond Vlg.	E. Cassidy	W. McLaughlin	Jul. 10, 1963	6	10	45	4	"	D	Clay 24;limestone 62. Water at 57.
Richmond Vlg.	C.A.N. Constr.	Capital Water Supply	Aug. 19, 1963	5	20	Flow	Flows	"	D	Clay 31;limestone 51. Water at 40 and 51.
Richmond Vlg.	S. Rea	"	Oct. 21, 1963	5	10	20	3	"	D	Clay 13;blue limestone 50. Water at 48.
Richmond Vlg.	"	"	Oct. 23, 1963	5	10	10	5	"	D	Gravel boulders 19;blue limestone 58. Water at 40 and 57.
Richmond Vlg.	"	"	Nov. 12, 1963	5	4	50	15	"	D	Clay 19;blue limestone 78. Water at 60 and 75.
Richmond Vlg.	E. Morahan	R.W. Miller	Apr. 11, 1963	5	20	7	3	"	D	Brown clay 20;soft shale 42. Water at 42.
Richmond Vlg.	Hobin Homes	McLean Water Supply	Apr. 28, 1963	6	7	40	4	"	D	Clay Gravel 19;limestone 54. Water at 54.
Richmond Vlg.	H. Featherstone Ltd.	F.P. Sparks	Sep. 10, 1963	4	5	15	12	"	D	Blue clay 30;grey limestone 53. Water from 40 to 53.
Richmond Vlg.	M. Reo	"	Oct. 12, 1963	4	5	15	10	"	D	Grey limestone 28;blue grey limestone 50. Water from 35 to 50.
Richmond Vlg.	R. Kirkwood	Capital Water Supply	Oct. 17, 1963	5	10	17	10	"	D	Clay 20;th-rippan stones 27;blue limestone 65. Water at 50 and 63.
Richmond Vlg.	J. Mills	F.P. Sparks	Dec. 2, 1963	4	5	15	10	"	C	Shale rock 10;grey limestone 46. Water from 25 to 46.
Richmond Vlg.	S. Knox	M. McLaughlin	Feb. 15, 1964	6	10	50	Flows	"	D	Clay 12;sand 22;gravel 26. Water at 70.
Richmond Vlg.	W. Hardtke	E. Meagher	Jul. 6, 1964	4	3	16	14	"	D	Clay loam 23;limestone 68. Water at 60.
Richmond Vlg.	E. Fraser	M. McLaughlin	Jul. 8, 1964	4	6	20	Flows	"	D	Clay 30;limestone 63. Water at 60.
Richmond Vlg.	A. Brown	F.P. Sparks	Jul. 14, 1964	4	5	12	10	"	D	Hardpan 15;limestone 50. Water from 35 to 50.
Richmond Vlg.	E. Shaver	M. McLaughlin	Oct. 9, 1964	6	20	30	16	"	D	Clay layers limestone 18;sandstone 55. Water at 50.
Richmond Vlg.	Goodwood Lodge	McLean Water Supply Ltd.	Nov. 10, 1964	6	4	35	6	"	D	Sand salt 31;limestone 44. Water at 44.
Richmond Vlg.	D. Cain	Capital Water Supply	Nov. 16, 1964	5	5	30	18	"	D	Clay 12;limestone 68. Water at 66.
Richmond Vlg.	S. Nixon	"	Dec. 4, 1964	5	10	25	8	"	D,S	Clay 47;gravel 48;limestone 109. Water at 107.
Stittsville Village										
Stittsville Vlg.	K. Vaughan	F.R. Cossette	Feb. 14, 1961	2	10	25	8	Fresh	D	Clay 20;boulders clay 30;grey limestone 86. Water at 86.
Stittsville Vlg.	Stittsville Lumber Co.	W.J. King	Feb. 22, 1961	4	5	18	17	"	D	Sand gravel 39;dark limestone 75. Water at 75.
Stittsville Vlg.	"	"	Jul. 3, 1961	4	5	18	17	"	D	Sand gravel 30;blue limestone 71. Water at 71.
Stittsville Vlg.	"	"	Jul. 11, 1961	4	5	18	17	"	D	Sand gravel 20;limestone 80. Water at 80.
Stittsville Vlg.	"	"	Oct. 6, 1961	4	6	19	17	"	D	Sand gravel boulders 30;grey limestone 75. Water at 75.
Stittsville Vlg.	S. James	M. McLaughlin	Nov. 13, 1961	6	10	38	20	"	D	Sand loam boulders 25;quick sand broken rock 28;sandstone 4;siltstone layers sand 70. Water at 58.
Stittsville Vlg.	Hobin Homes	Moloughney	Nov. 15, 1961	4	6	30	22	"	D	Silt boulders 16;grey limestone 60. Water at 60.
Stittsville Vlg.	" Ltd.	"	Nov. 16, 1961	5	10	14	14	"	D	Sand boulders 39;limestone 70. Water at 70.
Stittsville Vlg.	"	McLean Water Supply	Nov. 20, 1961	5	10	30	21	"	D	Sand boulders 36;limestone 70. Water at 70.
Stittsville Vlg.	"	"	Nov. 20, 1961	4	6	30	20	"	D	Silt 10;boulders silt 17;grey limestone 61. Water at 61.
Stittsville Vlg.	"	Moloughney	Nov. 26, 1961	5	6	30	20	"	D	Silt 20;boulders silt 27;grey limestone 81. Water at 81.
Stittsville Vlg.	Taylor & Kingsley	B.E. Sparks	Nov. 27, 1961	5	6	16	12	"	D	Silt 14;limestone 77. Water at 75.

CARLETON COUNTY - cont.  
Stittsville Vlg.-cont.

Stittsville Vlg.	Robin Homes Ltd.	McLean Water Supply	Dec.13,1961	5	10	14	13	Fresh	D	Sand 19; limestone 72. Water at 72.
Stittsville Vlg.	"	"	Dec.19,1961	6	10	15	10	"	D	Sand 18; limestone 65. Water at 65.
Stittsville Vlg.	"	"	Dec.19,1961	6	10	15	4	"	D	Sand 14; limestone 65. Water at 65.
Stittsville Vlg.	R. Lytle	F.P.Sparks	Feb.21,1962	4	5	24	18	"	D	Clay 10; red sand 30; limestone 76. Water from 50 to 76.
Stittsville Vlg.	H. Grierson	D.S.Hueston	Mar.31,1962	4	10	18	16	"	D	Clay 6; sand clay 30; shale 32; thick quicksand 34; grey limestone 50; black limestone 70. Water at 65.
Stittsville Vlg.	K.Hobbs Contr	Capital Water Supply	May 24,1962	5	10	28	25	"	D	Sandy gravel boulders 10; fine sand 50; blue limestone 117. Water at 80 and 115.
Stittsville Vlg.	Hotlin Homes Ltd.	"	Jul.23,1962	5	10	35	16	"	D	Sand 34; blue limestone 80. Water at 60 and 78.
Stittsville Vlg.	"	"	Jul.26,1962	5	10	35	15	"	D	Sand 10; blue black limestone 80. Water from 75 to 80.
Stittsville Vlg.	"	McLean Water Supply	Aug.14,1962	7	10	20	13	"	D	Sand boulders 2; limestone 70. Water at 70.
Stittsville Vlg.	"	"	Sep.12,1962	6	7	25	18	"	D	Sand 39; limestone 80. Water at 80.
Stittsville Vlg.	"	"	Sep.12,1962	6	7	70	20	"	D	Sand 39; limestone 100. Water at 100.
Stittsville Vlg.	"	"	Sep.12,1962	6	3	60	20	"	D	Sand 29; limestone 75. Water at 40.
Stittsville Vlg.	Taylor & Ainsley	"	Sep.24,1962	7	3	35	13	"	D	Sand 26; limestone 60. Water at 60.
Stittsville Vlg.	E. LaSalle	"	Sep.25,1962	7	4	40	20	"	D	Gravel 29; limestone 60. Water at 60.
Stittsville Vlg.	H.J.Winch	"	Sep.25,1962	6	4	40	15	"	D	Gravel 10; limestone 80. Water at 80.
Stittsville Vlg.	B. VanErve	Capital Water Supply	Mar.22,1963	5	10	15	10	"	D	Sand boulders 29; blue limestone 60. Water at 45 and 58.
Stittsville Vlg.	C. Thompson	"	Jun.22,1963	6	20	45	20	"	D	Gravel boulders 50; limestone 125. Water at 100.
Stittsville Vlg.	W. Linsemeier	D.S.Hueston	Jul.29,1963	4	10	14	13	"	D	Previously dug well 25; sand 38; shale 41; sand 44; black limestone 76. Water at 74.
Stittsville Vlg.	E. Cordukes	W.Laughlin	Oct. 5,1963	6	5	50	20	"	D	Sand boulders 30; limestone 94. Water at 88.
Stittsville Vlg.	Delaware Motor Sales	P.P. Sparks	Oct.29,1963	4	5	10	10	"	C	Dark loam 12; grey limestone 20. Water from 12 to 20.
Stittsville Vlg.	Hobin Homes	McLean Water Supply	Nov.20,1963	5	7	35	20	"	D	Sand boulder 37; limestone 75. Water at 75.
Stittsville Vlg.	Kingsley & Taylor	Capital Water Supply Ltd.	Nov.25,1963	5	10	17	17	"	D	Sand 30; gravel boulders 38; blue limestone 73. Water at 60 and 72.
Stittsville Vlg.	G. Martini	F.P.Sparks	Aug.1, 1964	4	5	25	20	"	D	Gravel 27; limestone 72. Water at 50 and 72.
Stittsville Vlg.	Stittsville Foundry Ltd.	McLean Water Supply	Oct.20,1964	6	5	75	20	"	In	Sand boulders 27; limestone 85. Water from 75 to 85.
Stittsville Vlg.	Stittsville United Church	F.P.Sparks	Nov. 3,1964	5	5	27	24	"	P	Gravel 8; sand 26; grey limestone 88. Water from 55 to 88.
Torbolton Twp.	R. Davis	A. Stanton	Sep. 9,1961	6	20	15	13	Fresh	D,S	Sand stones 22; blue granite 105. Water at 90 and 105.
Con I	W. Amm	W.E.Sparks	Dec.18,1961	4	5	20	12	"	D,S	Loam 10; granite 70. Water from 68 to 70.
Con I	W. Dick	J.B.Dufresne	Jul.25,1960	6	8	50	30	"	D	Grey shaly limestone 145. Water at 143.
Con I	E.G.Foster	"	Jul.29,1960	6	1	200	20	"	D	Grey limestone 180; sandstone 200. Water at 195.
Con I	J. Craig	"	Jul.30,1960	6	75	75	20	"	D	Grey limestone 75. Water at 74.
Con II	G. Smith	W.E.Sparks	Jan. 4,1961	4	5	24	12	Salty	D,S	Clay loam 100; grey limestone 126. Water at 124 to 126.
Con II	P. Lecluc	"	Apr.16,1960	4	5	30	4	Fresh	D	Loam clay 81; grey limestone 102. Water from 100 to 102.
Con II	H. Grundy	J.B.Dufresne	Jul.26,1960	6	17	100	10	"	D	Grey limestone 185. Water at 183.
Con II	C. Bender	"	May 29,1962	6	2	80	40	"	D	Grey limestone 220; sandstone 240. Water at 235.
Con II	E. Muldoon	E.E.Sparks	Dec. 4,1961	4	6	38	16	"	D,S	Previously drilled 60; sandstone 78. Water at 75.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CLARKSON COUNTY -cont.										
Con I	F.Vance	W.E.Sparks	Feb.28,1961	4	12	5	20	Fresh	D,S	Clay loam 67;grey limestone 94½. Water from 92 to 94½
Con II	C.Barr	"	Mar.11,1961	4	5	15	11	Salty	D,S	Clay loam 56;grey limestone 96. Water from 94 to 96.
Con III	M.Dolan	"	Jan.2,1962	4	5	50	8	Fresh	D	Clay 72;limestone 110. Water from 108 to 110.
Con III	Anglican Church	A. Stanton	Oct.27,1964	6	6	100	6	"	D	Blue clay 70;hard grey limestone 111. Water at 110.
Con III	M.Sullivan & Son Ltd.	F.C.Johnston	Jul. 6,1964	5	5	110	12	Salty	P	Sandy loam 2;blue clay 111;coarse sand gravel 112½;grey shaly limestone 114. Water from 111 to 114.
Con III	School Board	D.O.McHardy	Jun. 2,1962	5	8	22	5	Fresh	P	Sandy loam 2;brown clay 18;blue clay 63;sand gravel 80;hard grey limestone 125. Water at 90 and 125.
Con III	Torbolton	Blair Phillips	Mar. 2,1962	5	10	5	5	"	D	Clay boulders 15;sandstone 55. Water at 30.
Con III	D.Scharie	Drilling Co.Ltd.								
Con III	H. Robinson	W.V.Nugent	May 5,1960	6	14	177	57	Salty	D,S	Clay loam 61;grey limestone 258. Water at 202.
Con III	A. Near	A. Stanton	Sep. 3,1960	5	20	20	16	"	D	Fine sand 27;blue clay 60;fine sand 67;grey limestone 90. Water at 85.
Con IV	R. Walters	W.E. Sparks	Dec.16,1960	4	5	34	14	Salty	D,S	Grey limestone 74. Water from 72 to 74.
Con IV	H.McQuett	"	Sep.29,1960	4	5	16	16	Fresh	D,S	Clay loam 66;grey limestone 92. Water from 90 to 92.
Con IV	Edgewood	A. Stanton	May 8,1962	6	10	98	3	"	P	Blue clay 77;grey limestone 106. Water at 105.
Con IV	Golf Course	"								
Con IV	A.P.Robinson	Blair Phillips	Aug. 9,1963	7	2	135	18	"	D	Clay 61;grey limestone 135. Water at 135.
Con IV	I.Labrecque	Drilling Co.Ltd.								
Con V	O. Major	W.J. King	May 18,1962	4	8	50	10	"	D	Broken rock 6;sandstone 90. Water at 90.
Con V	F. Ireland	M. Meagher	Sep. 6,1963	4	4	45	38	"	D	Overburden 20;limestone 125. Water at 120.
Con V	B. Vance	W.E.Sparks	Feb.27,1962	4	5	16	16	"	D	Clay loam 4;limestone 52. Water at 50.
Con V	R.J.Smith	"	Feb. 5,1962	4	5	12	12	"	D	Clay loam 51;grey limestone 45. Water at 43.
Con VI	"	J.E.Dufresne & Co. Ltd.	Jun.28,1962	6	180	105	105	"	D	Grey limestone 250. Water at 220.
Con VI	Kirk Builders	McLean Water Supply Ltd.	Sep. 8,1964	6	7	120	115	"	D	Loam 2;limestone 190. Water from 180 to 190.
Con VI	T. Baskin	M. Meagher	Mar.10,1960	4						Sandy loam 12;limestone 225. Dry hole.
Con VI	"	"	Mar.18,1960	4						Sandy loam 12;limestone 100. Dry hole.
Con VI	O.Campbell	W.E.Sparks	Jan.23,1962	4	5	12	12	Fresh	D	Clay loam 21;limestone 76. Water from 74 to 76.
Con VI	T. Bascom	M. Meagher	Sep.19,1963	4	5	45	34	"	D	Shale 10;shaly limestone 20;limestone 152. Water at 150.
Con VII	E. Baskin	"	Jan. 7,1963	4						Clay 4;limestone 325. Dry hole.
Con VII	T. Bulford	Moloughney	Jul.16,1963	6	6	40	8	"	D	Clay 8;limestone 87. Water at 50 and 80.
Con VII	B. Jensen	M. McLaughlin	Jul.16,1962	7	10	110	35	"	D	Sand loam 3;shale 7;limestone 150. Water at 125.
Con VII	H.J.Bernsteen	Blair Phillips	Jun. 2,1961	2	6	10	7	"	D	Topsoil clay 2;grey limestone 75. Water at 70.
Con VII	"	Drilling Co.Ltd.								
Con VII	M. Carmen	"	Jul.16,1960	2	8	3	2	"	D	Clay 5;grey limestone 70. Water at 40.
Con VII	G.Barnes	F.R.Cossette	May 20,1960	2	3	30	10	"	D	Sand 2;limestone 55. Water at 55.
Con VII	R. Bissou	McLean Water Supply Ltd.	Jun.15,1961	6	1½	80	20	"	D	Loam 2;grey shale limestone 102. Water at 102.
Con VII	G. Barnes	J.E.Dufresne Co. Ltd.	May 15,1964	6						Topsoil 3;limestone shale 125. Dry hole.
Con VII	"	"								
Con VII	V.Shouldice	M. Meagher	Apr.14,1964	4	5	10	8	Fresh	D	Limestone 80. Water at 80.
Con VIII	Minto Constr.	McLean Water Supply	Jun.30,1960	5	5	75	15	Sulphur	D	Grey limestone 100. Water at 85.
Con VIII	"	"								
Con VIII	I. Greenberg	"	May 8,1961	6	5	30	25	Fresh	D	Loam 2;grey limestone 85. Water at 85.
Con VIII	J.H.Stitt	"	May 9,1961	6	5	30	25	Salty	D	Loam 1;grey limestone 140. Water at 140.
Con VIII	R. Stinson	"	Jun.15,1961	6	12	35	10	Fresh	D	Loam 2;grey limestone 100. Water at 106.

CARLETON COUNTY - cont.  
Torbolton Twp. - cont.

Con VIII	lot 1	H. Smith	W. Moloughney	May 5, 1963	4	5	60	50	Fresh	D	Silt $\frac{1}{2}$ ; loose limestone 6; hard grey limestone 117. Water at 115.
Con VIII	"	1 J. Malloy	M. Meagher	Sep. 27, 1963	4	3	35	25	"	D	Topsoil 2; limestone 110. Water at 110.
Con VIII	"	1 K. McMeurty	"	Oct. 7, 1963	4	5	40	34	"	D	Topsoil 2; limestone 140. Water at 140.
Con VIII	"	1 J.C. Samis	"	Oct. 14, 1963	4	5	40	24	"	D	Topsoil 3; limestone 135. Water at 135.
Con VIII	"	1 H. Chaput	McLean Water Supply Ltd.	Jun. 5, 1964	6	7	44	32	Salty	D	Limestone 84. Water at 84.
Con VIII	"	3 H. Serson	"	Aug. 5, 1960	5	5	37	32	Fresh	D	Grey limestone 110. Water at 110.
Con VIII	"	3 R. Davies Const	Capital Water Supply	Sep. 2, 1963	5	5	130	25	"	D	Fill 3; limestone 200. Water at 70, 140 and 198.
Con VIII	"	5 L. Foulter	McLean Water Supply Ltd.	May 14, 1962	6	7	70	25	"	D	Limestone 145. Water at 145.
Con VIII	"	6 K. York	Moloughney Well Drilling	May 24, 1964	4		60	15	"	D	Broken limestone 12; grey limestone 102. Water at 75 and 102.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
DUNDAS COUNTY - cont.										
Chesterville Village										
Chesterville Vlg.	Ontario Water ResourcesComm.	B.H.Casselman	Feb. 4, 1960	10	150	34	16	Fresh	P	Clay topsoil 4;boulder till 20;clay sand gravel 40; limestone 65. Water at 44.
Iroquois Village										
Iroquois Vlg.	Ont. Dept. of Highways	B.H.Casselman	Aug. 24, 1961	6	2	20	8	Fresh	P	Clay loam 12;gravel sand clay 27;broken rock 28;limestone 134. Water at 124.
Metilda Twp.										
Con I lot 6	LeRiviera Camping&Trailer	A. Gauthier	Jun. 29, 1962	4	15	30	1	Fresh	D	Hardpan 56;limestone 69. Water at 66.
Con I " 6	C.D.Geldert	B. Phillips Drilling Co. Ltd.	Jun. 13, 1964	2	3	25	Flows	"	D	Sand gravel 45;fine sand 105;glacial alluvial till 107; grey limestone 192. Water at 192.
Con I " 7	Triad Trucking Ltd.	R.H.Casselman	Jan. 28, 1961	5	12	35	8	"	C	Boulder hardpan 43;boulders gravel sand 70;gravel sand 72;grey limestone 93. Water at 83.
Con I " 15	Dr.H.F.Stevens	"	Apr. 21, 1964	5	2	27	14	"	D	Boulders clay gravel 29;clay gravel cemented 59;boulders clay gravel cemented 70;limestone 103. Water at 95.
Con I " 18	D.Lieverdink	"	Sep. 14, 1962	5	20	25	19	"	D, S	Old dug well 27;clay gravel sand 54;limestone 68. Water at 65.
Con I Range I " 1	B. Hutt	"	Aug. 12, 1964	5	15	60	45	"	D	Boulder clay gravel cemented 38;cemented clay gravel sand 45;limestone 116. Water at 106.
Con I " I " 25	Seaway Auth.	"	Nov. 29, 1960	5	13	52	42	"	P	Boulder hardpan 23;gravel hardpan 43;sand gravel 76;grey limestone 129. Water at 122.
Con I " 1 " 27	G. McCurdy	"	Sep. 18, 1964	5	20	20	17	"	D	Clay gravel boulders cemented 11;limestone 51. Water at 41.
Con I " 2 " 25	J. Charbot	J.B. Dufresne & Co.	Aug. 26, 1964	6	6	45	20	"	D	Hardpan boulders 20;limestone 60. Water at 25 and 55.





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LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
DUNDAS COUNTY - cont. Matilda Twp. - cont.										
Con III " 30	J. Banford	W.J. Lewis	Dec. 23, 1962	5	6	17	3	Fresh	D,S	Clay 43½; grey limestone 79½. Water at 77.
Con III " 35	W. Bucking	R.H. Casselman	Oct. 11, 1964	5	17	20	10	"	D,S	Old dug well 17; gravel clay sand 35; gravel sand 47; limestone 69. Water at 60.
Con IV " 2	P. Whittaker	"	Dec. 12, 1964	5	20	12	15	"	D,S	Dug well 17; clay gravel cemented 22; rock layers 26; limestone 42. Water at 35.
Con IV " 10	K. McIntosh	W.J. Lewis	Nov. 25, 1960	5	8	24½	13	"	D,S	Boulders 9; hardpan gravel 58; limestone 94. Water at 85.
Con IV " 11	J. Tupper	R.H. Casselman	Sep. 9, 1960	5	3	100	11	"	D,S	Boulder hardpan 30; hardpan gravel 72; grey limestone 72. Water at 72.
Con IV " 19	J. Fawcett	A. Gauthier	Jul. 21, 1961	4	15	20	7	"	D	Hardpan 42; gravel 44. Water at 44.
Con IV " 19	R. Boyd	R.H. Casselman	Nov. 12, 1964	5	7	16	9	"	D	Gravel clay sand cemented 39; limestone 171. Water at 160.
Con IV " 20	G. Munroe	W. Lewis	Nov. 6, 1960	5	10	13	12	"	D,S	Clay gravel 25; gravel 39; fine dark sand 41; grey limestone 58. Water at 58.
Con IV " 22	W. Cooper	G. Simzer	Nov. 18, 1961	5	15	8	7	"	D	Dug well 22; clay 42; coarse gravel 45; limestone 73. Water at 73.
Con IV " 23	G. Cooper	"	Nov. 9, 1964	5	10	7	3	Sulphur	D,S	Clay 4; hardpan boulders 59; hard grey limestone 113. Water at 112.
Con V " 10	E. Beckstead	R.H. Casselman	Oct. 4, 1960	6	15	43	18	Fresh	D,S	Old dug well 24; boulder hardpan 37; grey limestone 60.
Con V " 13	S. Froats	W.J. Lewis	May 4, 1961	5	10	30	8	"	D	Water at 55.
Con V " 18	D. Wickwire	A. Gauthier	Nov. 20, 1963	4	4	14	5	"	D	Clay gravel 55; fine gravel 60; limestone 73½. Water at 73½.
Con V " 19	C. Locke	F.R. Cossette	Sep. 19, 1962	2	3	30	16	"	D	Hardpan 35; limestone 36. Water at 35.
Con V " 20	Matilda Twp. Ares Public School Board	R.H. Casselman	Jul. 21, 1962	6	20	31	11	"	P	Dug well 15; boulders sand gravel 50; limestone 85. Water at 82.
Con V " 25	P. Fawcett	"	Jan. 6, 1961	5	10	25	10	"	S	Boulder hardpan 8; hardpan 32; hardpan gravel 53; limestone 124.
Con V " 30	Matilda Twp. Public School Board	"	Aug. 20, 1963	6	10	35	2	"	P	Old well dug 12; old well drilled 42; boulder gravel 47; grey limestone 84. Water at 74.
Con V " 31	W.J. Lewis	W.J. Lewis	Jan. 12, 1961	5	10	10	5	"	D	Clay sand gravel cemented 23½; limestone 105. Water at 95.
Con V " 31	R. Merikley	"	Jul. 7, 1961	5	8	30	3	"	D	Grey sand 3; soft clay 21; limestone 35. Water at 35.
Con V " 31	"	I. Simzer	May 29, 1962	5	15	15	3	"	D	Sand 3; clay 21; limestone 40. Water at 38.
Con VI " 5	J. Adams	R.H. Casselman	Sep. 6, 1962	5	15	80	16	"	D	Clay 22; limestone 62. Water at 62.
Con VI " 5	I.R. Casselman	J.B. Dufresne Co. Ltd.	Dec. 30, 1964	5	2	50	10	"	D	Boulder hardpan 10; hardpan gravel 20; limestone 179. Water at 170.
Con VI " 5	"	"	Dec. 30, 1964	6	2	60	8	"	D	Hardpan clay 14; limestone 50. Water at 28.
Con VI " 6	"	"	Dec. 31, 1964	6	2	46	18½	Fresh	D,S	Old existing well 13; limestone 280. Dry hole.
Con VI " 8	B. Serviss	R.H. Casselman	Oct. 20, 1962	5	15	25	20	"	D,S	Hardpan clay 13; limestone 60. Water at 20.
Con VI " 12	D. Scott	I. Simzer & Sons	Jul. 19, 1962	5	15	25	20	"	D,S	Clay gravel cemented 15; limestone 86. Water at 80.
Con VI " 13	L. Vandemheen	R.H. Casselman	Feb. 6, 1961	5	17	33	15	"	D,S	Hardpan boulders 23; limestone 85. Water at 85.
Con VI " 19	B. Boyd	"	Sep. 7, 1962	5	17	33	6½	"	D	Old dug well 17; sand gravel 18; grey limestone 58½. Water at 48.
Con VI " 25	S. Froats	A. Gauthier	Nov. 12, 1963	4	12	30	8	"	D,S	Clay hardpan 37; hardpan gravel 53; gravel clay sand 57; limestone 79. Water at 72.
Con VI " 26	E. Wright	W.J. Lewis	Jul. 1, 1961	5	4	30	9	"	D,S	Hardpan 45; sand 61; limestone 62. Water at 61.
Con VII " 6	A. Lulmes	R.H. Casselman	Nov. 26, 1963	5	17	30	13	"	D,S	Blue soft clay 76; gravel stones 80. Dry hole.
										Clay gravel boulders cemented 10; cemented gravel sand clay 50; limestone 106. Water at 94.





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DUNDAS COUNTY - cont. Mountain Twp. - cont.										
Con II lot 12	E. Raistrick	A. Gauthier	Sep. 25, 1963	4	16	30	17	Fresh	D	Hardpan 46; gravel 47; limestone 48. Water at 47.
Con II lot 14	H. Grotenhuis	I. Simzer & Sons	Jan. 3, 1962	5	15	16	12	"	D, S	Clay 50; hardpan 55; coarse gravel 60; limestone 106. Water at 106.
Con II lot 18	D. Timmins	A. Gauthier	Nov. 24, 1960	4	7	35	10	"	S	Hardpan 56; grey limestone 60. Water at 56.
Con II lot 18	A. G. McIntosh	"	Aug. 27, 1963	4	8	50	10	"	D, S	Hardpan 65; limestone 92. Water at 90.
Con III lot 2	M. Bongers	I. Simzer & Sons	Nov. 27, 1964	5	10	27	25	"	D, S	Hardpan boulders 28; grey limestone 81. Water at 80.
Con III lot 3	B. Jacson	"	Aug. 24, 1960	5	15	50	42	"	D, S	Hardpan boulders 29; limestone 102. Water at 102.
Con III lot 8	J. Foley	R. H. Casselman	Jun. 28, 1964	5	15	47	23	"	D	Clay gravel 18; limestone 131. Water at 125.
Con III lot 9	G. Cleland	I. Simzer & Sons	Sep. 12, 1960	5	15	35	30	"	D, S	Hardpan boulders 40; grey limestone 134. Water at 134.
Con III lot 11	G. Vandervel	"	May 7, 1960	5	15	38	Flows	"	D, S	Hardpan boulders 28; limestone 59. Water at 59.
Con III lot 12	G. Cassidy	"	Nov. 28, 1960	4	10	20	10	"	D, S	Sand 45; shale limestone 50. Water at 45.
Con III lot 12	J. Saunders	A. Gauthier	Aug. 7, 1962	5	15	25	20	"	D	Clay 14; limestone 53. Water at 53.
Con III lot 12	S. B. Slater	I. Simzer & Sons	Dec. 20, 1962	5	10	25	20	"	D	Hardpan 28; limestone 44. Water at 42.
Con III lot 18	G. Timmins	Moloughney	Dec. 23, 1964	6	10	30	20	"	D, S	Dug well 24; gravel 30; limestone 52. Water at 52.
Con III lot 20	L. Barkley	I. Simzer & Sons	Sep. 1, 1960	5	10	60	25	Sulphur	D, S	Dug well 26; clay boulders 40; grey limestone 140. Water at 140.
Con III lot 20	A. C. McIntosh	A. Gauthier	Nov. 27, 1961	4	15	25	12	Fresh	D, S	Hardpan 31; limestone 61. Water at 60.
Con III lot 4	E. Simms	I. Simzer & Sons	Dec. 19, 1960	5	8	20	5	"	D, S	Dug well 19; grey limestone 67. Water at 67.
Con IV lot 8	F. Patterson	"	Feb. 13, 1962	5	15	50	45	"	D, S	Hardpan boulders 19; limestone 76. Water at 76.
Con IV lot 9	A. Norton	"	Sep. 5, 1960	6	15	60	50	"	D, S	Dug well 6; gravel 18; grey limestone 103. Water at 103.
Con IV lot 11	A. Milne	"	Oct. 31, 1960	5	15	30	26	"	D, S	Dug well 16; grey limestone 110. Water at 110.
Con IV lot 18	J. O. Holmes	A. Gauthier	Nov. 2, 1962	4	4	30	10	"	D	Hardpan 17; limestone 60. Water at 58.
Con IV lot 20	R. E. Saunders & Sons	R. H. Casselman	Apr. 28, 1964	6	20	2	2	"	S	Clay 19; clay gravel 28; limestone 54. Water at 50.
Con IV lot 20	"	"	Sep. 24, 1964	6	20	18	10	"	S	Boulder hardpan 47; gravel clay 49; limestone 72. Water at 65.
Con V lot 7	W. Hoogenboom	I. Simzer & Sons	Dec. 29, 1960	6 1/2	15	12	9	"	D, S	Dug well 26; clay 45; grey limestone 53. Water at 53.
Con V lot 10	W. Biddell	"	Mar. 9, 1960	5	15	10	10	"	D, S	Previously drilled 49; limestone 62. Water at 62.
Con V lot 11	J. Vinema	"	Nov. 5, 1960	5	15	20	10	"	D, S	Hardpan 8; grey limestone 116. Water at 116.
Con V lot 12	E. Bellingier	"	Nov. 18, 1964	5	2	50	30	"	D, S	Deepened well; grey limestone 118. Water at 117.
Con V lot 15	L. McGuff	"	Jan. 23, 1961	5	15	46	20	"	D, S	Dug well 22; clay boulders 40; grey limestone 97. Water at 97.
Con V lot 20	R. Holmes	"	Sep. 23, 1960	5	4	75	25	"	D, S	Dug well 26; clay boulders 44; grey limestone 178. Water at 178.
Con V lot 21	J. Fawcett	"	Jul. 22, 1963	5	5	50	20	"	D, S	Hardpan boulders 48; limestone 142. Water at 140.
Con VI lot 2	O. Milne	"	Aug. 8, 1963	5	15	50	40	"	D, S	Dug well 40; hardpan boulders 66; limestone 122. Water at 121.
Con VI lot 6	T. Maxwell	"	Jul. 14, 1960	5	15	18	12	"	D	Dug well 21; clay 68; limestone 71. Water at 71.
Con VI lot 6	C. F. H. Station	"	Nov. 30, 1960	5	15	18	12	"	D	Dug well 25; clay 50; grey limestone 76. Water at 76.
Con VI lot 6	H. Clark	"	Oct. 16, 1964	5	18	12	7	"	D	Fine sand 2; grey clay 63; coarse gravel clay 67; grey limestone 98. Water at 97.
Con VI lot 7	R. Baker	"	Feb. 10, 1961	5	15	30	8	"	D, S	Dug well 25; clay boulders 67; grey limestone 114. Water at 114.
Con VI lot 8	C. Bryan	"	Oct. 10, 1960	5	15	20	14	"	D, S	Dug well 17; clay 65; grey limestone 81. Water at 81.
Con VI lot 8	"	"	Oct. 27, 1964	5	8	20	12	"	D, S	Dug well 28; clay 65; coarse gravel 70; grey limestone 110. Water at 109.
Con VI lot 9	A. Kerr	"	Oct. 21, 1964	5	18	12	7	"	D, S	Clay 40; hardpan boulders 56; coarse gravel 59; grey limestone 113. Water at 112.
Con VI lot 17	J. Palmer	"	Jun. 20, 1960	5	15	67	20	"	D, S	Hardpan boulders 28; limestone 103. Water at 103.

DUNDAS COUNTY - cont.  
Mountain Twp. - cont.

Con VI	lot 20	Mulloy S.S. II	I. Simzer & Sons	Nov. 12, 1960	5	15	40	37	Fresh	P	Hardpan 10; grey limestone 84. Water at 84.
Con VII	7	G. DeRoos	"	Jun. 4, 1964	5	15	36	16	"	D, S	Hardpan boulders 27; grey limestone 98. Water at 97.
Con VII	16	J. Moss	R.H. Casselman	Jun. 25, 1960	5	23	31	1	"	D	Topsoil 1; clay gravel sand 9; limestone 59. Water at 50.
Con VII	3	P. Richardson	I. Simzer & Sons	Aug. 15, 1962	5	15	48	43	"	D	Hardpan boulders 40; limestone 115. Water at 115.
Con VII	"	B. Roach	"	Sep. 25, 1964	5	18	12	10	"	D	Dug well 9; fine sand 56; coarse gravel 58; grey limestone 89. Water at 88.
Con VIII	"	"	"	"	"	"	"	"	"	"	"
Con VIII	6	L.W. Mercer	D.S. Hueston	Sep. 4, 1961	4	10	8	5	"	D	Sand 10; hardpan 12; grey limestone 20. Water at 19.
Con VIII	"	G.H. Forbes	R.H. Casselman	Oct. 22, 1962	5	20	14	8	"	D	Clay 13; rock 16; limestone 46. Water at 55.
Con VIII	6	C. Bartholomew	A. Gauthier	Nov. 22, 1962	5	20	18	1	"	D	Hardpan 14; limestone 304. Water at 32.
Con VIII	"	"	"	"	"	"	"	"	"	"	"
Con VIII	7	M. Allen	I. Simzer & Sons	Jun. 14, 1962	5	18	12	9	"	D	Hardpan boulders 12; limestone 40. Water at 40.
Con VIII	"	P. Richardson	"	Nov. 30, 1964	5	18	10	6	"	D	Hardpan boulders 18; limestone 40. Water at 40.
Con VIII	16	T. Dockstader	R.H. Casselman	Jun. 19, 1962	4	20	12	4	Sulphur	S	Clay 10; gravel boulders 4; grey limestone 65. Water at 60.
Con VIII	24	E. Skuce	"	Oct. 31, 1960	6	15	60	18	Salty	D, S	Clay 10; gravel boulders 8; hardpan boulders 58; grey limestone 200. Water at 185.
Con IX	"	"	"	"	"	"	"	"	"	"	"
Con IX	1	W.E. Brown	F.R. Cossette	Aug. 9, 1960	4	6	30	10	Fresh	T	Fine sand 67; grey limestone 133. Water at 81 and 133.
Con IX	3	G. Kucis	A. Gauthier	Mar. 22, 1961	5	7	40	38	"	S	Hardpan 20; limestone 120. Water at 110.
Con IX	4	W. Wylie	"	Feb. 22, 1961	5	15	50	30	"	S	Hardpan boulders 40; grey limestone 95. Water at 95.
Con IX	7	A. Hoy	I. Simzer & Sons	Sep. 15, 1960	5	15	12	10	"	D, S	Hardpan boulders 12; grey limestone 43. Water at 43.
Con IX	10	A. Ceelon	"	Aug. 26, 1964	5	6	10	30	"	D, S	Deepened grey limestone 94. Water at 93.
Con IX	16	D. Woods	"	Aug. 13, 1963	5	25	10	8	"	D, S	Dug well 8; clay 14; coarse gravel 16; limestone 40. Water at 39.
Con IX	"	"	"	"	"	"	"	"	"	"	"
Con IX	18	E. Dillabough	A. Gauthier	Oct. 2, 1960	4	12	25	9	"	D, S	Sand boulders 50. Water at 50.
Con IX	24	I. Dockstader	R.H. Casselman	Jul. 28, 1961	5	20	7	8	"	D, S	Broken limestone 14; grey limestone 26; brown limestone 40. Water at 35.
Con X	"	"	"	"	"	"	"	"	"	"	"
Con X	19	H. Rozon	A. Gauthier	Oct. 6, 1961	4	15	45	30	"	S	Hardpan 31; limestone 60. Water at 55.
Con X	22	L. Streng	I. Simzer & Sons	Oct. 10, 1963	5	12	60	15	"	D, S	Dug well 13; hardpan boulders 49; grey limestone 111. Water at 110.
Con X	"	"	"	"	"	"	"	"	"	"	"
Con XI	22	O. Robinson	"	Apr. 6, 1964	5	6	40	18	"	D	Hardpan boulders 35; grey limestone 101. Water at 100.
Con XI	"	G. Robb	F.R. Cossette	Aug. 30, 1960	3	18	25	8	"	D, S	Yellow sand 74; grey limestone 118. Water at 118.
Con XI	5	H. Allen	I. Simzer & Sons	Dec. 5, 1962	5	15	50	40	"	D, S	Dug well 40; fine sand 100; coarse gravel 107; limestone 111. Water at 111.
Con XI	"	"	"	"	"	"	"	"	"	"	"
Con XI	6	M. Hill	C.V. Morrison	Apr. 16, 1963	5	6	26	20	"	D	Sand 15; gravel sand clay stones 74. Water at 74.
Con XI	22	G. Chartrand	I. Simzer & Sons	Apr. 21, 1963	5	15	35	40	"	D	Sand 15; gravel limestone 120. Water at 119.
Con XI	"	H. Guy	"	May 15, 1964	5	15	55	18	"	D, S	Hardpan 24; coarse gravel 29; grey limestone 119. Water at 118.
Con XI	"	"	"	"	"	"	"	"	"	"	"
Con XI	24	C. Loveless & H. Ganten	F.E. Johnston Drilling Co. Ltd.	Jul. 16, 1962	10	180	65	7	Sulphur	D	Sandy loam 2; blue clay boulders 10; medium grey limestone 60; fractured grey limestone 70; grey limestone 80; hard grey limestone 105. Water at 45, 60 and from 70 to 80.
Con XI	"	"	"	"	"	"	"	"	"	"	"
Con XI	5	H. Allen	Capital Water Supply	Mar. 13, 1963	5	10	42	42	Fresh	D, S	Sand 52; gravel sand 90; sand 100; gravel 110; blue limestone 147. Water at 120 and 145.
Con XII	12	G. Patterson	R.H. Casselman	Nov. 5, 1960	5	17	35	11	"	D, S	Topsoil 2; grey limestone 60. Water at 50.
Con XII	15	K. & J. McDirmond	J.H. Rietties	Apr. 15, 1963	5	6	20	8	Sulphur	D, S	Clay loam stone 5; grey limestone 96. Water at 96.
Con XII	"	"	"	"	"	"	"	"	"	"	"
Con XII	20	C. Dain	A. Gauthier	Jul. 11, 1962	4	1	80	4	"	S	Hardpan 13; limestone 80. Water at 40.
Con XII	22	M. McRobbie	R.H. Casselman	Jul. 18, 1962	5	5	"	"	"	"	Boulder till 20; rock layers 30; limestone 140. Dry hole.
Con XII	"	"	"	"	"	"	"	"	"	"	Boulder till 17; rock 20; limestone 192. Dry hole.
Con XII	22	"	"	Aug. 11, 1962	5	20	17	6	"	D	Boulders clay gravel cemented 7; limestone 30. Water at 32.
Con XII	"	"	"	Nov. 17, 1962	5	5	13	12	"	P	Hardpan boulders 22; limestone 127. Water at 126.
Con XII	"	S.S.# 15 & 17	I. Simzer & Sons	Apr. 2, 1963	5	5	"	"	"	"	"

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
DUNDAS COUNTY - cont. Williamsburg Twp. Con I lot 1	N.R.Mitchell	R.H.Casselman	Jun. 2, 1962	4	13	40	24	Fresh	D	Sandy topsoil 3; boulder hardpan 72; gravel clay sand 85; limestone 154. Water at 144. 27 1/2 clay Gravel cemented 84; clay Gravel boulders cemented 84; limestone 186. Water at 180.
Con I " 2	Ont. St. Lawrence Dev. Comm.	"	Feb. 29, 1964	5	13	45	21	"	P	Boulders clay gravel 20; sand clay gravel 60; gravel sand 67; grey limestone 157. Water at 150.
Con I " 3	"	"	Jun. 25, 1960	5	20	32	21	"	P	Boulders clay gravel 31; gravel 36; clay gravel 53; gravel sand 61; grey limestone 152. Water at 141.
Con I " 3	"	"	Jul. 11, 1960	6	18	28	21	"	P	Clay loam 10; clay sand gravel boulders 35; clay sand gravel cemented 71; limestone 175. Water at 165.
Con I " 4	"	"	Apr. 29, 1964	6	10	35	14	"	In	Boulders hardpan 4; boulders hardpan gravel 24; hardpan gravel 43; gravel sand 77; grey limestone 185. Water at 175.
Con I " 4	"	"	Sep. 3, 1960	5	20	30	24	"	P	Sand clay gravel 8; boulders clay cemented 75; rock layers 79; limestone 193. Water at 185.
Con I " 4	"	"	Jul. 23, 1962	5	16	70	32	"	C	Boulder clay gravel 19 1/2 clay Gravel sand 104; grey limestone 177. Water at 170.
Con I " 5	"	"	Jul. 27, 1960	5	17	30	27	"	P	Quick sand 52; grey limestone 110. Water at 105.
Con I " 9	M. Henoply Imperial Oil Ltd. Marins	A. Gauthier R.H.Casselman	Jul. 11, 1960 Jun. 4, 1961	4 5	12 20 15	20 15 7	8 7	"	D	Sand clay 37; sand Gravel 62; clay Gravel 72; limestone 130. Water at 120.
Con I " 9	Customs & Immigration	"	Jun. 13, 1962	4	20	13	5	"	P	Boulders hardpan 42; hardpan clay sand 66; limestone 136. Water at 130.
Con I " 10	G. Roberts	A. Gauthier	Jun. 22, 1960	4	8	70	10	"	P	Quick sand boulders 85; limestone 100. Water at 90.
Con I " 13	Ont. Dept. of Highways	F.E. Johnston Drilling Co. Ltd. R.H.Casselman	Nov. 8, 1962 Nov. 19, 1964	6 6	46 37 1/2	75 23	14 12	"	P	Clay sand gravel boulders 60; hardpan boulders 84; shaly limestone 186; grey limestone 250. Water at 96, 192, 238.
Con I " 13	"	"	Nov. 19, 1964	6	37 1/2	23	12	"	P	Boulders clay cemented Gravel 46; hard grey limestone 252 1/2. Water at 96, 180, 240.
Con I " 14	Ont. St. Lawrence Dev. Comm.	"	Feb. 21, 1962	5	20	7	4	Sulphur	P	Sand clay 15; clay Gravel 50; clay Gravel sand 71; Grey limestone 150. Water at 140.
Con I " 14	"	"	Feb. 27, 1963	5	17	60	12	Fresh	P	Sandy topsoil 2; clay Gravel 49; clay silt Gravel 97; rock layers silt 114; limestone 167. Water at 160.
Con I " 15	G. Marcellus	A. Gauthier	Jul. 25, 1962	4	15	25	8	"	D	Hardpan 10; sand 90; Gravel 102. Water at 102.
Con I " 16	Ont. St. Lawrence Dev. Comm.	R.H.Casselman	Feb. 24, 1961	5	17	40	9	"	P	Sand 6; sand clay 50; sand clay Gravel 98; rock layers 100; Grey limestone 183. Water at 173.
Con I " 16	Menard Bros. Ltd.	R. Bourgeois	Jul. 24, 1962	4	4	40	6	"	D	Hardpan 111; sand 113; grey rock 132. Water at 132.
Con I " 17	M.A. Cunningham	A. Gauthier	Oct. 3, 1964	4	12	35	15	"	D	Sand 99; limestone 100. Water at 99.
Con I " 19	P. J. J. J. J.	Roy & Son Reg'd	May 31, 1960	2	5 1/2	20	Flows	"	D	Hardpan boulder 83; grey limestone 99. Water at 99.
Con I " 19	W.A. Killoran	R.H.Casselman	Jul. 13, 1962	5	21	15	1	Sulphur	C	Clay sand 40; clay Gravel boulders 95; limestone 141. Water at 135.
Con I " 19	G. Grober	"	Apr. 4, 1963	6	7 1/2	54	54	"	P	Sand clay small stones 95; limestone 232. Water at 230.
Con I " 19	"	"	Apr. 22, 1963	6	7 1/2	64	54	"	P	Clay sand pebbles 93; limestone 132. Water at 150.
Con I " 19	"	"	May 30, 1963	6	7 1/2	60	0	"	P	Sand clay Gravel 73; gravel 74; limestone 140. Water at 72.
Con I " 19	D. Dickson	"	Aug. 20, 1964	4	17	21	10	"	D	Gravel clay sand boulders cemented 90; limestone 102. Water at 92.
Con I " 35	D.O. Shaughnessy	"	Nov. 25, 1963	4	13	30	6	"	D	Boulders clay gravel cemented 60; clay rock layers cemented 73; limestone 108. Water at 100.



DUNDAS COUNTY - cont.

Williamsburg Twp. cont. Con I	Dr. A.T. Shannette W.S. Baker	R.H. Casselman	Nov. 14, 1960	6	10	12	8	Fresh	D	Clay 15; boulder hardpan 69. Water at 69.
Con I	"	"	Feb. 23, 1961	4	13	18	10	"	D	Loam 1; gravel clay sand boulders 40; sand gravel 52; rock layers 67; grey limestone 80. Water at 70.
Con I	J. Casselman	"	Sep. 30, 1961	4	17	25	15	"	D	Old dug well 16; boulders gravel clay 55; clay gravel 70; limestone 102½. Water at 95.
Con I	W. Zeron	I. Simzer & Sons	Jan. 14, 1963	5	15	20	10	"	D	Clay 9; hardpan boulders 7½; coarse gravel 78; limestone 129. Water at 129.
Con I	A. Garlough	R.H. Casselman	Mar. 18, 1964	5	17	33	8	"	C	Clay gravel sand boulders cemented 23; gravel clay sand 52; limestone 102½. Water at 95.
Con II	Ont. Dept. of Highways	F.E. Johnston Drilling Co., Ltd.	Feb. 28, 1963	6	120	210	30	"	P	Sandy loam 2; blue clay stones 46; grey sand boulders 58; blue clay boulders 88; layers soft hard grey limestone 622. Water at 102. 236. 416. 567. 612. 613.
Con II	"	"	Dec. 18, 1962	6	10	100	15	"	T	Sandy loam 2; blue clay boulders 613; layers soft hard grey limestone 494. Water at 90, 186, 397 and 498.
Con II	"	R.H. Casselman	Aug. 18, 1960	5	2½	113	18	"	P	Topsoil 2; hardpan Gravel 65; hardpan 97; grey limestone 251. Water at 160.
Con II	St. Lawrence Dev. & Comm. T.L. Sady	A. Gauthier R.H. Casselman	Aug. 14, 1961 Oct. 15, 1962	4 4	15 13	25 40	5 6	"	D, S D	Hardpan 20; sand 80; limestone 83. Water at 81. Boulder clay Gravel 36; rock layers 41; limestone 72. Water at 66.
Con II	C. Crowder	"	Sep. 13, 1962	5	16	29	19	"	D, S	Hardpan gravel boulders 35; hardpan 71; limestone 90. Water at 92.
Con II	H. Schwerdtfeger	A. Gauthier	Oct. 16, 1961	4	30	20	0	"	S	Hardpan 50; limestone 55. Water at 52.
Con II	W. Hall	"	Feb. 24, 1961	4	15	30	8	"	S	Hardpan 72; limestone 80. Water at 78.
Con II	A. Milward	"	Aug. 28, 1962	4	15	27	16	"	D, S	Hardpan 65; gravel 67. Water at 67.
Con II	J.B. Langabeer	"	Sep. 21, 1964	4	9	26	15	"	D	Hardpan 57; limestone 60. Water at 58.
Con II	J.R. VanAllen	"	Aug. 1, 1962	4	15	32	13	"	D	Hardpan 45; sand 65; gravel 86. Water at 66.
Con II	D.E. Warkley	"	Mar. 26, 1963	4	15	20	2	"	D, S	Hardpan 40; sand 60; gravel 65. Water at 65.
Con II	Clarent	"	Sep. 11, 1963	6	17	12	5	"	F	Gravel clay sand cemented 57; limestone 73. Water at 65.
Con II	Nursing Home	"	"	"	"	"	"	"	"	"
Con II	J. Saver	R.H. Casselman	Aug. 8, 1963	6	10½	50	7	"	C	Clay sand gravel cemented 72; rock layers hardpan 80; limestone 112. Water at 100.
Con III	Con Burton	"	Dec. 30, 1960	5	25	40	14	"	D, S	Fill 3; boulder hardpan 73; sand gravel 91; limestone 139. Water at 123.
Con III	B. Dennison	A. Gauthier	Oct. 4, 1962	4	1½	70	13	Sulphur	D	Hardpan 45; limestone 72. Water at 69.
Con III	Con Dennison	"	Aug. 8, 1962	4	15	35	12	Fresh	D, S	Hardpan 55; limestone 62. Water at 58.
Con III	B. Gellinger	"	Sep. 26, 1962	4	15	30	12	"	D, S	Hardpan 50; limestone 57. Water at 56.
Con III	B. Casselman	R.H. Casselman	Dec. 10, 1964	5	10	15	7	"	D, S	Clay gravel boulders cemented 45; rock layers clay 54; limestone 59. Water at 35.
Con III	C. Tupper	"	Sep. 24, 1960	5	17	15	14½	"	D, S	Old dug well 16; gravel clay 40; gravel clay sand 50; gravel rock layers 55. Water at 45.
Con III	G. Dunning	"	Jul. 28, 1962	5	11	35	12	"	D	Old dug well 19½; sand clay gravel 67; limestone 86½. Water at 80.
Con III	T. VanMoersel	V. Cossette	Sep. 27, 1962	2	12	28	12	Sulphur	D	Dug well 25; sand gravel boulders 44; limestone 86. Water at 84.
Con III	W. Steinberg	R.H. Casselman	Feb. 8, 1964	5	20	5	4	Fresh	C	Clay Gravel boulders cemented 18; clay Gravel cemented 32; limestone 50. Water at 40.
Con III	R. Beckstead	"	Oct. 18, 1963	8	30	20	9	"	S	Clay loam 3; clay sand gravel cemented 17; clay boulders cemented 62; limestone 110. Water at 100.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA. - INCH METER	PUMP- ING TEST LEVEL	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
DUNDAS COUNTY - cont. Williamsburg Exp. cont.										
Con III	M. Parks	R.H.Casselman	Sep.11,1962	5	15	32	23	Sulphur	D,S	Old dug well 29;boulder till 42;limestone 75. Water at 70.
Con III	L. Casselman	A. Gauthier	Jul.19,1962	4	10	30	16	Fresh	S	Hardpan 4;limestone 46. Water at 44.
Con III	J. Steele	R.H.Casselman	Jun.20,1964	5	17	29	8	"	D	Boulders clay gravel cemented 35;clay gravel cemented 54; limestone 116. Water at 110.
Con IV	C. Callinger	A. Gauthier	Oct.12,1962	4	15	30	20	"	"	Hardpan 3;limestone 55. Water at 50.
Con IV	Marbro Steel Ltd.	"	Nov.14,1964	4	15	35	15	"	D,S	Hardpan 2;sand 44;limestone 52. Water at 50.
Con IV	L. Barkley	R.H.Casselman	Mar.10,1964	6	25	10	4	"	D	Boulder clay gravel cemented 42;clay gravel 66;limestone 97. Water at 90.
Con IV	R.H.Casselman	"	Mar.21,1961	6	17	21	0	"	C	Gravel clay sand 68;grey limestone 85. Water at 75.
Con IV	C.F.Whittaker	"	Jan.29,1962	5	17	18	12	"	D,S	Old dug well 48;clay sand gravel 54;limestone 80. Water at 75.
Con IV	B. Crowder	"	Sep.18,1962	5	14	40	22	"	"	Old dug well 28;hardpan 57;limestone 69½. Water at 65.
Con IV	F. Merkley	"	Oct.29,1964	5	17	30	21	"	D,S	Dug well 20;sand gravel clay cemented 53;limestone 77½. Water at 67.
Con IV	K.Casselman	"	Aug.16,1960	6	17	18	15	"	D,S	Old dug well 25;clay sand gravel 27;rock layer 37. Water at 35.
Con V	A. Toonders	"	Aug.25,1964	5	17	20	18	Sulphur	D,S	Dug well 16;rock layers 30;limestone 175. Water at 170.
Con V	B. Bowman	"	Jul.19,1962	5	17	28	12	Fresh	D	Hardpan 15;rock layers 20;limestone 52. Water at 45.
Con V	F. Johnston	"	Nov.14,1963	5	10	30	21	"	D,S	Old dug well 40;limestone 119. Water at 109.
Con V	W. Durant	"	Aug.22,1960	6	10	20	10	"	D	Topsoil 1;sandy hardpan 4;gravel clay 10;boulder clay 26; grey limestone 36. Water at 30.
Con V	J. Eldridge	"	Jan.15,1960	4	8	16	0	Sulphur	D	Fill 2;clay 10;gravel clay 42;boulders 44;gravel sand clay 71;limestone 169. Water at 159.
Con V	G. Larsen	"	Nov.17,1960	4	13	23	5	Fresh	D	Gravel 2;gravel clay sand 54;grey limestone 62. Water at 55.
Con V	R. Wingard	"	Dec.10,1962	5	10	15	1	"	D	Clay hardpan 44;sand gravel 54. Water at 54.
Con V	A. Ennis	"	Nov. 5,1963	5	20	21	14	"	D	Clay cemented 12;clay gravel cemented 37;clay gravel 49; gravel 50. Water at 50.
Con V	Christian Reform Church Manse	"	Feb.19,1964	5	6	15	14	"	P	Boulder till 31;sand clay 55;black sand 62½;limestone 66½. Water at 60.
Con V	I. Carruthers	"	Dec.18,1964	5	10	30	9	"	D	Dug well 10;sand clay 20;gravel sand clay boulders 45;rock layer 46;sand 49;limestone 72. Water at 65.
Con V	The Pioneer Hotel	"	Aug.16,1962	6	75	11	10	"	P	Hardpan clay gravel cemented 35;gravel sand 83. Water at 35.
Con V	D.L.Hess	"	Dec.12,1962	5	10	7	2	"	D	Topsoil 2;sand clay 30;hardpan till 50;gravel 55. Water at. 55.
Con V	H. Casselman	"	Mar.27,1961	4	15	18	12	"	D	Topsoil 1;boulder gravel clay sand 20;rock layers gravel 26;grey limestone 49. Water at 39.
Con V	F. Pinus	"	Jun.11,1962	5	20	27	15	Sulphur	D	Boulder hardpan gravel 16;hardpan gravel 34;limestone 73. Water at 71.
Con V	B. Brunt	"	Aug. 6,1960	6	7	13½	7	"	D	Topsoil 1;gravel clay sand 28;grey limestone 41. Water at 38.
Con V	R.E.Maller	"	Oct.25,1963	6	75	10	10	Fresh	C	Fill 3;clay boulders gravel cemented 19; gravel 20;limestone 52. Water at 45.
Con VI	L. Whittaker	"	May 15,1962	5	20	39	3	"	D,S	B-uller hardpan 29;limestone 75. Water at 70.
Con VI	Merkley Bros.	"	Mar.30,1963	5	20	10	4	"	S	Topsoil 2;boulder hardpan 43;limestone 83. Water at 75.

DUNDAS COUNTY - cont.

Williamsburg Twp. cont. Con VI	Elma Cheese Factory	R.H.Casselman	Oct. 29, 1963	6	20	32	14	Fresh	In	Fill 3;sand gravel clay 9;boulders clay Gravel cemented 24; limestone 104g. Water at 96. Hardpan 48;limestone 52. Water at 48. Dug well 16;boulders clay cemented 36;limestone 125. Water at 115. 21;limestone 41. Water at 40. Hardpan 7;hardpan clay Gravel cemented 12;limestone 114. Well pit 7;hardpan clay Gravel cemented 12;limestone 114. Water at 105. Hardpan 12;limestone 35. Water at 30. Boulders clay gravel cemented 30;rock layers 39;limestone 72. Water at 65.
Con VII	R. Salmon	A. Gauthier	Jul. 13, 1964	4	10	30	25	"	D	
Con VII	A. Geertsma	R.H.Casselman	Dec. 2, 1964	5	20	24	8	Sulphur	D,S	
Con VII	E.H.Elliott	R.H.Casselman	Aug. 22, 1962	4	4	40	17	"	D	
Con VII	R. Lamoureux	R.H.Casselman	Oct. 17, 1964	5	8	114	18	Fresh	S	
Con VII	G. Winters	A. Gauthier	Oct. 31, 1963	4	10	12	6	"	D	
Con VII	Williamsburg Twp. Area	R.H.Casselman	Jul. 25, 1964	6	17	18	9	"	P	
Con VII	Public School	"	Sep. 21, 1960	5	20	20	9	"	D	Old dug well 22;hardpan 34;hardpan gravel 43;gravel 45; grey limestone 57. Water at 55.
Con VII	H. Pemberton	"	Aug. 17, 1960	5	17	35	18	"	D,S	Old dug well 21;clay sand gravel 40;hardpan boulders 88; rock layers 90;grey limestone 139. Water at 129.
Con VIII	J. Hummel	"	Feb. 7, 1961	4	10	30	19	"	S	Hardpan 18;limestone 35;sandstone 45. Water at 33.
Con VIII	A. Stewart	A. Gauthier	Jan. 30, 1961	4	5	30	11	"	S	Hardpan 18;limestone 50. Water at 45.
Con VIII	Dunbar Cheese Co.	R.H.Casselman	Sep. 28, 1960	6	20	19	10	"	D	Hardpan clay 30;clay gravel 44;gravel sand 62;grey limestone 103. Water at 95.
Con VIII	P. Young	"	Oct. 9, 1964	5	20	21	18	"	D,S	Old dug well 14;clay gravel cemented 27;limestone 52. Water at 45.
Con VIII	C.U.Merkley	A. Gauthier	Oct. 17, 1960	4	4	50	30	"	D,S	Hardpan 40;limestone 60. Water at 50.
Con VIII	H. Shaver & Son	R.H.Casselman	Dec. 8, 1961	5	16	40	24	"	D,S	Old dug well 28;gravel sand clay 37;limestone 100. Water at 90.
Con VIII	G.H.Merkley	"	Jul. 2, 1962	6	20	33	12	"	S	Boulders clay Gravel 29;gravel hardpan 37;sandstone 60; limestone 87. Water at 80.
Con VIII	D. Robinson	"	Sep. 8, 1960	6	17	45	15	"	D,S	Old well 14;grey limestone 130. Water at 120.
Winchester Village Winchester Village	B. Coons	I. Simer & Sons	Sep. 26, 1962	4	15	25	20	Fresh	D,S	Clay 10;limestone 73. Water at 73.
Winchester Twp. Con I	E. Munroe	R.H.Casselman	Aug. 27, 1960	6	12	75	19	Fresh	D,S	Clay 4;hardpan 7;grey limestone 131. Water at 120.
Con I	L. Allison	"	Sep. 20, 1962	5	17	39	12	"	D,S	Old well 36;limestone 39. Water at 36.
Con I	E. McIntosh	"	Sep. 28, 1964	5	16	24	18	"	D	Clay sand boulders cemented 15;limestone 56. Water at 50.
Con I	K. Westbrook	"	Oct. 25, 1960	6	6	90	20	Sulphur	S	Old drilled well 122;grey limestone 228. Water at 220.
Con I	S. Keyes	A. Gauthier	Dec. 30, 1964	4	5	20	15	"	D	Hardpan 19;limestone 25. Water at 23.
Con I	S. DeVone	R.H.Casselman	Dec. 17, 1960	4	8	54	14	Fresh	S	Gravel clay boulders 15;rock layers 18;grey limestone 168. Water at 100.
Con I	J. Hevern	A. Gauthier	Jun. 30, 1964	4	12	24	7	"	D	Hardpan 17;limestone 48. Water at 45.
Con II	K. Carner	R.H.Casselman	Jun. 23, 1962	4	12	20	13	"	D	Clay gravel sand 24;gravel clay 54;limestone 59. Water at 59.
Con II	J. Melenhorst	"	Jun. 27, 1963	5	5	21	3	"	D,S	Well pit 6;clay 30;hardpan clay 51;gravel sand 59. Water at 55.
Con II	H. Merkley	"	Dec. 6, 1960	5	7	60	15	"	D,S	Old dug well 22;boulder hardpan 40;grey limestone 90. Water at 80.
Con II	K. Derk	"	Dec. 15, 1960	5	21	35	15	"	D,S	Old dug well 30;boulder hardpan 47;grey limestone 81. Water at 71.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
DUNDAS COUNTY - cont.										
Winchester Twp. cont.										
Con II	P. Droppo	R.H.Casselman	Dec. 4, 1964	5	20	27	19	Fresh	D,S	Dug well 15; limestone 60. Water at 50.
Con II	B. Short	A. Gauthier	Jan. 10, 1964	4	5	29	4	"	C	Hardpan 4; gravel 59; limestone 65. Water at 64.
Con III	D. Link	R.H.Casselman	Jan. 11, 1961	4 1/2	13	41	32	"	C	Old drilled well 86; grey limestone 190. Water at 180.
Con III	L. Merkley	"	Dec. 22, 1960	3	5	27	19	Sulphur	S	Boulders clay 18; hardpan clay 35; grey limestone 71. Water at 59.
Con III	M. Kurevkar	A. Gauthier	Nov. 27, 1962	4	20	25	7	Fresh	D,S	Hardpan 20; sand 40; gravel 44. Water at 43.
Con III	W. Wilson	I. Simzer & Sons	Oct. 1, 1964	5	8	25	15	"	D	Clay 25; coarse gravel 30; black rock 97. Water at 96.
Con III	A. Ball	A. Gauthier	Apr. 21, 1961	4	15	29	22	"	S	Hardpan 42; limestone 64. Water at 58.
Con III	S. Shy	"	Oct. 19, 1964	4	10	35	27	"	D,S	Hardpan 52; limestone 50. Water at 53.
Con III	Ont. Water Resources Com.	R.H.Casselman	Jan. 7, 1960	10	27	47	9	Sulphur	T	Clay loam 4; clay sand gravel 15; boulder till 33; shale 38; limestone 85. Water at 42.
Con III	F. Clement	A. Gauthier	Jun. 6, 1962	4	15	25	7	Fresh	D,S	Hardpan 22; limestone 40. Water at 33.
Con IV	C. Garner	R.H.Casselman	Nov. 23, 1961	4	17	50	9	"	D	Boulder gravel clay sand 18; rock layers gravel clay 32; limestone 186. Water at 178.
Con IV	D. Eyers	A. Gauthier	Aug. 25, 1960	4	18	30	25	"	D	Hardpan 8; limestone 50. Water at 45.
Con IV	Winchester Twp School Area	R.H.Casselman	Nov. 23, 1962	6	17	40	18	"	P	Sandy loam 2; clay stones sand cemented 51; limestone 240. Water at 40 and 230.
Con IV	Ont. Dept. of Highways	"	Jan. 2, 1964	6	20	32	19	Sulphur	C	Clay sand gravel 12; limestone 45; limestone 244. Water at 45 and 235.
Con IV	E. Summers	"	Oct. 22, 1960	5	17	48	17	Fresh	S	Hardpan boulders 7; clay 15; grey limestone 130. Water at 120.
Con IV	D. Rae	I. Simzer & Sons	Dec. 10, 1963	5	8	10	3	"	D,S	Clay 15; grey limestone 86. Water at 85.
Con IV	E. Ball	A. Gauthier	Mar. 23, 1962	4	10	40	20	"	D	Sand 80; limestone 81. Water at 80.
Con IV	R. Lanthier	"	Jun. 7, 1961	4	20	25	18	"	D	Hardpan 45; gravel 47. Water at 47.
Con IV	E. Smith	"	Jun. 27, 1961	4	10	25	18	"	S	Hardpan 34; limestone 50. Water at 47.
Con IV	A. Galt	"	Jan. 5, 1961	4	10	25	15	"	D	Hardpan 67; limestone 70. Water at 70.
Con IV	E. Casselman	"	Oct. 18, 1962	4	15	25	15	"	D,S	Hardpan 30; limestone 36. Water at 35.
Con IV	R. Froets	"	Nov. 20, 1960	4	20	25	17	"	D	Hardpan 23; grey limestone 48. Water at 45.
Con V	F. Holmes	I. Simzer & Sons	Oct. 6, 1960	5	4	140	30	"	D,S	Clay boulders 27; limestone 177. Water at 177.
Con V	H. Link	"	Sep. 18, 1962	5	15	75	35	"	D,S	Dug well 18; hardpan boulders 38; limestone 143. Water at 143.
Con V	D.H.O. Patrol Garage	R.H.Casselman	Nov. 28, 1962	4	13	20	15	"	P	Previously drilled 96; limestone 300. Water at 290.
Con V	H.S. Lonnin	"	Oct. 12, 1960	5	13	62	21	Mineral	S	Old dug well 25; clay 34; grey limestone 228. Water at 220.
Con V	Twp. Highways Garage	A. Gauthier	Feb. 16, 1960	5	20	15	4 1/2	Fresh	F	Hardpan 25; limestone 69. Water at 60.
Con V	N. Dundas High School Board	R.H.Casselman	Aug. 23, 1962	6	10	40	32	"	F	Topsoil 1; gravel 20; sand 59; gravel sand 65; limestone 145. Water at 135.
Con V	A. Smith	A. Gauthier	Aug. 5, 1963	4	8	16	14	"	D	Hardpan 30; limestone 31. Water at 30.
Con V	K.B. Hamilton	"	Jun. 12, 1962	4	7	35	5	"	D	Hardpan 33; limestone 50. Water at 45.
Con V	S.D. Evers	"	Apr. 27, 1962	4	7	40	9	"	D	Hardpan 34; limestone 50. Water at 45.
Con V	R. Wheeler	"	Oct. 6, 1960	4	12	36	25	"	S	Hardpan 48; gravel 49. Water at 49.
Con VI	R. Holmes	"	Nov. 30, 1960	4	20	20	10	"	D	Hardpan 11; grey limestone 37. Water at 35.
Con VI	R. Brown	"	Feb. 12, 1963	5	35	5	35	"	D	Hardpan 20; limestone 50. Water at 45.
Con VI	L. Acres	R.H.Casselman	May 21, 1960	5	20	13	3	"	D	Boulder hardpan 8; hardpan clay 22; limestone 82. Water at 72.
Con VI	G. Durent	A. Gauthier	Jan. 26, 1963	4	16	30	20	"	D,S	Hardpan 51; limestone 52. Water at 52.
Con VI	L. Chambers	"	Dec. 21, 1964	4	12	30	18	"	D,S	Hardpan 24; limestone 43. Water at 39.

DUNDAS COUNTY - cont.

Winchester Twp. lot 1	G. Doct'steader	R.H.Casselman	May 12, 1960	5	5	32	0	Fresh	D	Boulder hardpan 7; rock layers 10; limestone 50. Water at 40. Old dug well 12; boulder gravel clay sand 17; grey limestone 68. Water at 58.
Con VII lot 1	Doct'steader Bros.	"	Dec. 31, 1960	4	17	13	12	"	C	Hardpan 13; limestone 70. Water at 67.
Con VII	R. Brown	A. Gauthier	Jan. 17, 1961	4	15	25	12	"	D	Hardpan 17; limestone 73. Water at 71.
Con VII	L. Annable	R.H.Casselman	Mar. 13, 1964	4	10	40	5	"	D	Old drilled well 46; limestone 64. Water at 60.
Con VII	B. Tyms	"	Oct. 26, 1964	4	6 1/2	30	20	"	D	Gravel clay cemented 25; limestone 52. Water at 45.
Con VII	D. Watts	"	Oct. 9, 1962	5	8	26	12	"	D	Topsoil 2; clay 6; boulder hardpan 12; grey limestone 51 1/2. Water at 45.
Con VII	G.A.Barclay	A. Gauthier	Jul. 12, 1960	5	21	26	25	"	D	Hardpan 10; limestone 110. Water at 80.
Con VII	S. Gunn	"	Aug. 22, 1964	4	2	110	12	"	D, S	Hardpan 18; grey limestone 60. Water at 55.
Con VII	A. Stewart	"	Dec. 7, 1960	4	7	80	20	"	D, S	Hardpan 3; limestone 113. Water at 92.
Con VII	"	"	Aug. 15, 1964	4	10	25	12	"	D, S	Hardpan 10; grey limestone 58; black shale 60. Water at 58.
Con VII	E. Crump	"	Dec. 9, 1960	4	15	45	25	"	S	Hardpan 37; limestone 67. Water at 55.
Con VII	M. Irven	"	Jun. 22, 1961	4	15	24	13	"	D, S	Topsoil 1 1/2; limestone 81. Water at 71.
Con IX	L. Vanderlaan	R.H.Casselman	Nov. 16, 1962	4	1	67	19	"	D, S	Old dug well 9; grey limestone 123. Water at 113.
Con IX	J. Borrett	"	May 31, 1963	4	20	44	14	"	D, S	Hardpan 3; limestone 113. Water at 92.
Con IX	S. Lindsay	A. Gauthier	Jan. 11, 1961	4	15	45	20	"	D, S	Hardpan 10; limestone 47. Water at 40.
Con IX	G. Holiday	"	Sep. 13, 1962	4	4	70	16	"	D	Clay loam 40; grey limestone 78. Water from 76 to 78.
Con IX	R.S.Dock-	W.M.E.Sparks	Sep. 14, 1960	4	5	35	17	"	D	Hardpan 40; limestone 41. Water at 42.
Con X	steader	"	Sep. 15, 1961	4	5	45	20	"	D, S	Clay 55; hardpan 85; gravel 95. Water at 95.
Con X	L. Casselman	A. Gauthier	Jul. 18, 1964	4	5	25	5	"	D	Hardpan 28; gravel 30. Water at 30.
Con X	J. Steen	"	Mar. 12, 1963	4	15	20	7	"	D	Hardpan 9; limestone 40. Water at 30.
Con X	J.R.Craik	"	Mar. 25, 1960	4	20	20	5	"	S	Hardpan 21; grey limestone 55. Water at 50.
Con X	O. Sartor	"	Sep. 19, 1963	4	5	80	30	"	D	Hardpan 18; grey limestone 72. Water at 70.
Con X	M. Young	"	Nov. 9, 1961	4	8	45	17	"	D	Gravel boulders 40; blue grey limestone 85. Water at 84.
Con X	B. McLaughlin	"	Nov. 16, 1960	4	5	45	20	"	D	Water at 37.
Con X	E. McNeirn	"	Oct. 25, 1961	4	10	30	25	"	S	Hardpan 48; grey limestone 61. Water at 59.
Con X	G. McGregor	"	Dec. 30, 1960	4	10	55	12	"	D, S	Hardpan 38; gravel 40. Water at 40.
Con XI	J. Cronin	Capital Water Supply	Jun. 28, 1962	5	10	15	25	"	D	Hardpan 17; limestone 40. Water at 35.
Con XI	H. Block	J.R.Kettles	Aug. 5, 1962	4	5	26	16	"	D	Till boulders 53; limestone 100. Water at 50 and 95.
Con XI	A. Henff	A. Gauthier	Aug. 24, 1961	4	10	45	22	"	S	Water at 37.
Con XI	H. Gerruthers	"	May 16, 1962	4	10	25	17	"	P	Hardpan 48; grey limestone 61. Water at 59.
Con XI	A. Vanderveen	"	Jul. 4, 1960	4	12	25	17	"	D	Hardpan 38; gravel 40. Water at 40.
Con XII	H. Goulet	J.B.Dufresne & Co.	Oct. 7, 1964	6	6	60	25	"	D, S	Hardpan 17; limestone 40. Water at 35.
Proctonac County										
Barrie Twp. lot 9	O. Wickware	C. Goodberry Well Drilling Ltd.	Apr. 2, 1960	6	4 1/2	74	17	Fresh	D	Topsoil 1; sand boulders 1 1/2; granite 75 1/2. Water at 35.
Range E lot 21	C. Walls	Eastern Ontario Diamond Drilling Co.	Jul. 1, 1962		4	60	18	"	D	Existing well 64; granite 104. Water at 98.
Con I	T. Neill	W.H.Davy & Son	Dec. 12, 1962	6	1	65	7	"	D	Sand 4; black granite 65. Water at 35.
Con I	T. Neel	C. Goodberry Well Drilling Ltd.	Oct. 25, 1963	6	7	73	40	"	D	Previously drilled well 63; blue granite 87. Water at 84.
Con II	R. Thompson	Eastern Ont. Diamond Drilling	Jul. 7, 1960	2	3	25	12	"	D	Limestone 50. Water at 45.
Con II	C. Huffman	"	Oct. 5, 1964	2	3	65	32	"	D	Previously existing well 119; hard grey limestone 406. Water at 403.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
<b>FRONTENAC COUNTY cont.</b>										
Barrie Twp. cont. lot 24	L. Delyea	Eastern Ont. Diamond Drilling	Jun. 14, 1960	2	2	35	14	Fresh	D	Gravel 3; limestone 55. Water at 50.
Con III " 25	T. Neale	"	Jul. 15, 1960	2	1	35	12	"	D	Sand 4; black limestone 45. Water at 42.
Con III " 25	D. Perry	"	Mar. 4, 1961	2	4	10	8	"	D	Old dug well 8; grey granite 24. Water at 21.
Con V " 25	W. Barham	"	Jun. 4, 1960	2	4	25	8	"	D	Limestone 51. Water at 45.
Con V " 25	A. Miller	"	Jun. 10, 1960	2	1	25	12	"	D	Gravel 14; granite 56. Water at 52.
Con VI " 14	A. Reed	"	Jun. 18, 1960	2	5	20	7	"	D	Sand 3; limestone 41. Water at 38.
Con VI " 17	W. Foster	"	Jun. 29, 1961	2	5	20	6	"	D	Fine sand 2; grey limestone 31. Water at 28.
Con VII " 23	G. Trocher	"	Jul. 8, 1960	2	1	60	9	"	D	Sand 3; black limestone 135. Water at 75.
Con VII " 23	G. Perry	"	Nov. 21, 1960	2	4	25	6	"	D	Sand 3; black limestone 200. Dry hole.
Con VIII " 13	O. Lemke	"	May 12, 1960	2	3	20	3	Fresh	D	Sand 3; grey limestone 47. Water at 41.
Con VIII " 14	R. Brown	"	May 24, 1961	2	3	9	5	"	D	Clay 3; grey limestone 55. Water at 42.
Con VIII " 23	W. Kennedy	"	Jul. 8, 1960	6	15	160	20	"	P	Fine sand 7; coarse gravel 10. Water at 10.
Con XV " 30	Mazina Park	W.H. Davy & Son	May 3, 1961	6	3	15	20	"	P	Sand gravel 12; fine sand 35; fine gravel 40; fine grey sand 152; thin layers gravel 180; fine sand 203. Water at 203.
Con XV " 30	"	"	May 9, 1961	6	8	30	22	"	P	Gravel sand 37. Water at 37.
<b>Bedford Twp.</b>										
Con I lot 1	W. Earl	C. Goodberry Well Drilling Co.	Sep. 21, 1964	6	1	98	5	Fresh	D	Clay 2; broken rock 9; granite 35; white limestone 102. Water at 100.
Con I " 7	G. Coulter	W.H. Davy & Son	May 26, 1962	6	6	65	9	"	D	Sand 34; white limestone white flint 65. Water at 58.
Con I " 27	G. Funk	Eastern Ont. Diamond Drilling	Aug. 31, 1961	2	1 1/2	35	14	"	D	Sand 5; dark grey limestone 59. Water at 55.
Con II " 2	E. Morey	W.H. Davy & Son	Sep. 12, 1961	6	2	34	13	"	D	Clay 4; granite 34. Water at 25.
Con II " 2	C. Morgan	"	Sep. 13, 1961	6	12	15	8	"	D	Shale 13; grey granite 40. Water at 36.
Con II " 5	R. Morey	"	Oct. 27, 1961	6	5	92	27	"	D,S	Shale 11; black granite 92. Water at 88.
Con II " 5	C.R. Lynn	C. Goodberry Well Drilling Ltd.	Aug. 2, 1962	6	25	25	16	"	D	Sand 2; white limestone 46. Water at 20 and 35.
Con II " 5	W. Michaels	"	Aug. 3, 1962	6	25	25	11	"	D	Sand 6; broken rock 12; multi-coloured white quartz granite 45. Water at 22, 35 and 40.
Con II " 5	G. Warters	"	Aug. 4, 1962	6	20	25	9	"	D	Sand 18; broken rock 4; white limestone 46. Water at 18, 22, 36 and 40.
Con II " 21	G.R. McGowan	"	Sep. 1, 1960	6	30	9	8	"	D	Topsoil 4; red granite 62. Water at 30 and 59.
Con II " 21	J. Reis	"	Sep. 7, 1960	6	2	31	8	"	D	Sand boulders 12; red granite 35. Water at 20 and 30.
Con II " 21	J. Egan	Eastern Ont. Diamond Drilling	Jul. 4, 1962	2	3	25	8	"	D	Gravel boulders 7; red granite 42. Water at 38.
Con II " 22	C.H. Krug	"	Jun. 28, 1960	2	4	20	5	"	D	Red granite 41. Water at 39.
Con II " 22	L. Hook	"	Jun. 27, 1964	2	3	25	18	"	D	Clay 3; red granite 53. Water at 49.
Con II " 23	J. Cumming	"	Jul. 6, 1960	2	2	25	22	"	D	Red granite 47. Water at 45.
Con II " 30	D. Lesage	"	Oct. 20, 1964	2	2	50	22	"	D	Gravel 5; red granite 76. Water at 74.
Con II " 30	D. Robinson	C. Goodberry Well Drilling Ltd.	Mar. 9, 1961	6	2	46	10	"	D,S	Broken rock 8; grey granite 50. Water at 33.
Con II " 30	"	"	Jun. 7, 1961	6	5	95	10	"	D,S	Previously drilled 50; grey granite 109. Water at 106.
Con III " 5	G. McGowan	Eastern Ont. Diamond Drilling Co.	Aug. 7, 1963	6	3	25	9	"	D	Existing well 30; grey granite 54. Water at 49.





# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
FRONTENAC COUNTY-cont. Bedford Twp. - cont lot 16	S.S.# 2	F.J. McCarthy	Sep. 29, 1961	6						Grey limestone 110. Dry hole.
Con IX " 25	G. Miller	W.H. Davy & Son	May 11, 1962	6	8	49	12	Fresh	D	Shale 21; white limestone 72. Water at 68.
Con X " 20	J. Scanlan	F.J. McCarthy	Sep. 21, 1962	6	3	30	17	"	D.S	Sand loam 12; granite 22; red granite 40. Water at 25 and 35.
Con XI " 21	J. Nimitz	"	Jul. 10, 1962	6	1	50	10	"	D	Red granite 50. Water at 45.
Con XII " 25	C. Sager	W.H. Davy & Son	Oct. 3, 1961	6	8	83	6	"	D	Gravel 24; white limestone 83. Water at 79.
Con XII " 4	E. Green	F.J. McCarthy	Aug. 10, 1964	6	1	97 1/2	20	"	D.S	Sand loam 6; red granite 25; grey paroxine 40; grey granite 60; blue granite 96 1/2. Water at 75 and 85.
Con XII " 19	D.K. Hanna	"	Nov. 12, 1962	6	10	32	12	"	D.S	Sand loam 8; grey hard limestone 35; red granite 42. Water at 40.
Con XIII " 18	McCarthy Bros.	"	Feb. 25, 1961	6	2	121	15	"	D.S	Previously drilled 25; red granite 121. Water at 20 and 115.
Con XIV " 10	A.S. Delouie	"	Aug. 14, 1964	6	2	26 1/2	10 1/2	"	D	Sand loam 9; red granite 26 1/2. Water at 23.
Cancanto Twp. Con III lot 31	W. Franks	W.V. Nugent	Feb. 12, 1964	6	8	41	19	Fresh	D	Sandy loam 10; red granite 87. Water at 61.
Clarendon Twp. Con IV lot 9	F. Lemke	Eastern Ont. Diamond Drilling Co.	Jul. 23, 1960	2	1	25	4	Fresh	D	Sand 4; grey granite 45. Water at 39.
Con VI " 20	A. McDonald	"	Jul. 2, 1964	2	4	25	4	"	D	White limestone 43. Water at 39.
Con IX " 22	I. Fetzner	"	Jun. 25, 1964	2	3	60	28	"	D	Sand 6; dark grey limestone 125. Water at 119.
Con X " 35	W. Lemke	"	May 13, 1961	2	1 1/2	25	15	"	D	Existing well 3; dark grey limestone 169. Water at 162.
Con XI " 35	A. Lemke	"	May 15, 1961	2	1	25	15	"	D	Coarse sand 6; dark grey limestone 52. Water at 47.
Con XI " 26	R. Martin	"	Apr. 27, 1960	2	1	60	21	"	D	Sand 3; limestone 215. Water at 209.
Con XI " 26	K. Lyons	"	May 3, 1960	2	1	22	22	"	D	Sand 3; limestone 161. Water at 157.
Con XI " 26	J. Martin	"	Aug. 2, 1961	2	1 1/2	90	28	"	D	Red sand 7; hard grey limestone 293. Water at 275.
Con XI " 41	R. McGinnis	"	Nov. 2, 1964	2	3	25	8	"	D	Sand 2; white limestone 59. Water at 52.
Con XII " 18	W.H. Flint	"	Jun. 19, 1964	2	3	25	11	"	D	Light grey limestone 44. Water at 40.
Con XII " 18	A. McNeil	"	Oct. 27, 1961	2	1 1/2	25	11	"	D	Sand 2; white limestone 27. Water at 22.
Con XII " 25	W. Fidler	"	Oct. 21, 1963	2	1	90	11	"	D	Previously drilled well 40; dark grey limestone 316. Water at 90.
Con XII " 25	"	W.V. Nugent	Oct. 2, 1964	6	1	60	11	"	D	Sandy loam 3 1/2; black granite 90. Water at 85.
Con XII " 37	L. Hall	Eastern Ont. Diamond Drilling Co.	Oct. 24, 1964	2	3	25	15	"	D	Sand 11; grey granite 97. Water at 91.
Con XII " 41	E. Jenkins	"	Oct. 24, 1964	2	2	25	16	"	D	White limestone 200. Water at 194.
Con XIII " 18	C. Zierk	"	May 3, 1960	2	3	27	20	"	D	Sand 3; limestone 60. Water at 54.
Con XIII " 18	F.H. Osborne	"	May 14, 1960	2	2	26	17	"	D	Limestone 67. Water at 63.
Con XIII " 18	A. Mechie	"	May 30, 1960	2	2	26	18	"	D	Limestone 62. Water at 58.
Con XIII " 18	N. Wendt	"	May 31, 1960	2	3	26	22	"	D	Sand 9; limestone 57. Water at 53.
Con XII " 37	L. Krug	W.V. Nugent	Jul. 13, 1963	6	10	55	22	"	P	Sand 32; granite 80. Water at 75.
Con XIV " 16	C. Murphy	Eastern Ont. Diamond Drilling Co.	Jun. 1, 1960	2	3	26	10	"	D	Limestone 42. Water at 40.
NER lot 9	F. Lemke	"	Jul. 4, 1962	2	2	26	10	"	D	Grey granite 106. Water at 102.
NER " 39	Twp School Area Clarendon	W.V. Nugent	Jun. 8, 1962	6	22	42	40	"	P	Sandy loam 5; granite 21; granite limestone 205. Water at 195.

PROCTER & KERRY COUNTY CONT.  
Clarendon Twp. - cont.  
NER lot 40

NER	Con	C. Keller	Eastern Ont. Diamond Drilling Co.	Aug. 9, 1962	2	1	28	20	Fresh	D	
NER	"	W. Keller	"	Sep. 24, 1963	2	1	70	13	"	D	Sand 7; white limestone 183. Water at 70.
SWR	"	D. Gee	"	Jun. 30, 1962	2	3	26	6	"	D	Existing well 16; hard dark grey limestone 314. Water at 280.
SWR	"	R. W. Gutchou	"	Jul. 25, 1964	2	4	26	6	"	D	Sand 2; red granite 59. Water at 55.
SWR	"	G. Schonauer	"	May 17, 1961	2	3	20	3	"	D	Light grey limestone 36. Water at 30.
SWR	"	P. Willgoose	"	Aug. 23, 1963	2	4	20	17	"	D	Coarse sand 5; white limestone 36. Water at 33.
SWR	"	M. Martin	"	Sep. 22, 1963	2	1 1/2	45	14	"	D	Sand 4; dark grey limestone 63. Water at 88.
SWR	"	B. White	"	Aug. 16, 1963	2	1 1/2	50	21	"	D	Sand 1; hard grey limestone 80. Water at 85.
SWR	"	R. Sproule	"	Aug. 3, 1962	2	2	75	31	"	D	Sand 3; white limestone 57. Water at 48.
SWR	"	"	"	Aug. 29, 1964	2	4	65	34	"	D	Existing old well 28; white limestone 135; white marble 175; white limestone 254. Water at 220.
SWR	"	G. King	"	Dec. 3, 1964	2	4	60	30	"	D	Sand 3; hard light grey limestone 271. Water at 267.
SWR	"	C. Tooley	"	Jun. 25, 1962	2	3	26	12	"	D	Sand 3; white limestone 200. Water at 195.
											Sand 2; white limestone 47. Water at 42.
Hixenbrooke Twp.											
Con I lot 2		G. Hickey	W. H. Davy & Son	Dec. 14, 1961	6	5	72	11	Fresh	D	Sand 4; black red granite 72. Water at 65.
Con I lot 3		H. Hickey	"	Feb. 18, 1961	6	20	30	20	"	D, S	Sand 9; white limestone 51; red granite 70.
Con I lot 10		J. Gorman	W. H. Davy & Son	Jan. 9, 1962	6	3	54	16	"	D	Pine limestone 10; red granite 67. Water at 63.
Con I lot 25		G. Peters	Eastern Ont. Diamond Drilling Co.	Feb. 6, 1962	6	3	57	15	"	D	Shale 4; black granite 57. Water at 51.
Con I lot 25		R. Veley	"	Jul. 12, 1962	2	5	25	3	"	D	Existing well 31; grey granite 89. Water at 86.
Con I lot 25		H. Smith	"	Apr. 25, 1963	2	2	25	11	"	D	Sand 1; red granite 55. Water at 42.
Con I lot 25		M. Maitland	W. H. Davy & Son	Nov. 9, 1964	6	1	67	9	"	D	Shale 9; blue granite 67. Water at 64.
Con I lot 25		G. Bertram	"	Nov. 13, 1964	6	30	11	9	"	D	Shale 7; red granite 35. Water at 31.
Con II lot 11		A. Shaw	J. Knox	Mar. 22, 1962	6	4	70	22	"	D	Blue clay 3; grey granite 78. Water at 70.
Con II lot 22		G. Ball	"	Dec. 22, 1964	6	4	90	28	"	S	Sandy soil 5; red granite 92. Water at 78.
Con II lot 23		G. Busch	W. H. Davy & Son	Nov. 9, 1962	6	4	82	8	"	D	Red hill sand boulders 18; black granite 62. Water at 58.
Con II lot 23		G. Turnham	"	Nov. 15, 1963	6	6	44	7	"	D	Sand 10; grey granite 54. Water at 51.
Con II lot 25		R. Ives	"	May 27, 1963	6	5	65	10	"	D	Clay gravel 8; grey black granite 65. Water at 48.
Con III lot 22		T. Taggart	"	Sep. 12, 1962	6	5	81	7	"	D	Soil 4; white limestone 81. Water at 64 and 77.
Con III lot 22		G. Godfrey	"	Sep. 11, 1961	6	10	84	7	"	D	Clay 16; white limestone 54. Water at 48.
Con III lot 3		B. Ball	C. Goodberry Well Drilling Ltd.	Aug. 16, 1962	6	10	50	6	"	D	Dug well 13; clay 18; white limestone 78. Water at 53 and 70.
Con III lot 4		B. Knox	J. Knox	Nov. 26, 1963	6	4	40	12	"	D	Blue clay 8; sandstone 51. Water at 42.
Con III lot 12		B. Kennedy	"	Oct. 28, 1960	6	4	45	18	"	D	Sandy soil 7; grey granite 52. Water at 45.
Con III lot 19		M. G. Smith	W. H. Davy & Son	Oct. 3, 1963	6	4	45	18	"	D	Shale 15; grey granite 52. Water at 44.
Con III lot 23		J. A. Campsall	C. Goodberry Well Drilling Ltd.	Aug. 27, 1964	6	5	145	12	"	D	Sand 1; multi-coloured granite 150. Water at 140.
Con III lot 25		H. Lowery	W. H. Davy & Son	Feb. 25, 1960	6	7	32	5	"	D	Clay 15; gravel sand 33. Water at 33.
Con III lot 25		K. Fox	"	Mar. 14, 1960	6	1	25	28	"	D	Clay 14; sand gravel 33. Water at 33.
Con III lot 25		G. Hoves	Eastern Ont. Diamond Drilling Co.	May 17, 1963	2	1 1/2	50	28	"	D	Sand 4; hard grey limestone 270. Water at 240.
Con IV lot 5		G. Snyder	C. Goodberry Well Drilling Co.	Dec. 30, 1964	6	2	175	10	"	D, S	Topsoil 1; granite 182. Water at 180.
Con IV lot 20		A. A. Quintal	"	Aug. 29, 1960	6	5	99	10	"	D	Sand 3; boulders 6; granite 109. Water at 105.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
FRONTENAC COUNTY - 6001 Hinchinbrooke Twp. cont										
Con IV lot 25	L. Goodberry	Eastern Ont. Diamond Drilling Co.	Jul. 1, 1961	2	1	25	14	Fresh	D	Fine sand 28; hard grey limestone 91. Water at 73.
Con IV " 25	A. Bartraw	W.H. Davy & Son	Feb. 23, 1962	6	1	40	9	"	D	Previously drilled 18; deepened black granite 40. Water at 35.
Con IV " 25	M. Howes	"	Feb. 6, 1964	6	5	120	17	"	S	Hill sand 8; black granite 120. Water at 116.
Con IV " 27	G. Smith	"	Nov. 27, 1964	6	6 1/2	130	42	"	D, S	Gravel 8; red granite 108; black granite 130. Water at 108.
Con IV " 30	J.A. Neill	"	Jun. 19, 1962	6	1	45	21	"	D	Red granite 34; black granite 45. Water at 39.
Con V " 6	W. Moore	J. Knox	Feb. 21, 1964	6	8	50	22	"	D, S	Sandy soil 6; red granite 56. Water at 44.
Con V " 25	O.M. Sanack	C. Goodberry Well Drilling Ltd.	Jul. 17, 1963	6	1	30	30	"	D	Previously drilled well 53; red granite 88. Water from 25 to 88.
Con V " 24	G. Spindales	W.H. Davy & Son	Jun. 15, 1962	6	3	110	27	"	D, S	Sand 7; black granite 110. Water at 106.
Con VI " 16	Van Glow	J. Knox	Feb. 12, 1964	6	4	40	18	"	D, S	Topsoil 5; red granite 42. Water at 36.
Con VI " 24	E. Leslie	Eastern Ont. Diamond Drilling Co.	Oct. 7, 1964	2	3	25	14	"	D	Clay 9; granite 54. Water at 51.
Con VI " 25	L. Cronk	W.H. Davy & Son	Jan. 14, 1962	6	1	193	12	"	D, S	Clay gravel 20; granite 193. Water at 120.
Con VII " 3	D. Babcock	J. Knox	Feb. 27, 1962	6	3	90	4	"	D	Blue clay 5; black granite 95. Water at 90.
Con VII " 16	B. Thompson	C. Goodberry Well Drilling Ltd.	Sep. 16, 1964	6	1	80	17	"	D, S	Clay 8; broken rock 18; granite 83. Water at 80.
Con VII " 27	N. Cronk	Eastern Ontario Diamond Drilling Co.	Oct. 12, 1964	2	3	25	5	"	D	Sand 2; red granite 73. Water at 69.
Con VIII " 4	C.H. Knight Napanee Valley Conservation Authority	C. Goodberry Well Drilling Ltd.	Jun. 18, 1964	6	20	15	10	"	P	Sand boulders 6; white limestone 30; grey granite 37. Water at 34.
Con VIII " 14	W.J. Sealsbury	W.H. Davy & Son	Dec. 5, 1961	6	1 1/2	74	17	"	D	Loam 4; grey granite 74. Water at 51.
Con XII " 16	Traynor Point Camp	C. Goodberry Well Drilling Ltd.	Jul. 15, 1960	6	1 1/2	103	20	"	P	Drilled well 39; red granite 105. Water at 40.
Powe Island Twp. NR lot 4	Dr. A.B. Foley	W.H. Davy & Son	May 18, 1964	6	2	87	14	Sulphur	D	Shale 6; blue limestone 87. Water at 65.
" " 7	J.M. Lawless	"	Aug. 26, 1963	6	15	83	45	Fresh	D	Clay 9; blue limestone 83. Water at 72.
" " 9	W. Reid	C. Goodberry Well Drilling Ltd.	Jun. 2, 1960	6	1	57	15	"	D	Topsoil 1; clay 7; limestone 59. Water at 50.
NR " 10	Union Separate School	"	May 21, 1963	6	25	116	14	"	P	Clay 8; blue limestone 125. Water at 118.
SR " 15	Hôtel Dieu Hospital	"	May 14, 1964	6	6	65	20	"	D	Clay 2; boulders 12; limestone 78. Water at 25, 40 and 70.
SR " 16	E.C. Church Hall	"	May 19, 1964	6	7	50	21	Sulphur	P	Clay 3; limestone 59. Water at 30, 50 and 57.
SR " 16	L. Matheson	R. Kenney	Oct. 5, 1962	6	10	40	30	Fresh	D	Brown loam 8; grey limestone 78; red granite 95. Water at 95.
SR " 20	T.H. Marshall	C. Goodberry Well Drilling Ltd.	May 9, 1962	6	3	85	8	"	D	Topsoil 1; blue clay 7; blue limestone 46; sandstone 74; red granite 88. Water at 80.
SR " 20	J. Fuller	"	May 22, 1962	6	5	85	39	"	D, S	Topsoil 1; blue clay 5; blue limestone 45; red granite 90. Water at 45 and 90.

## FRONTENAC COUNTY -cont.

Con	lot	Drilling Co.	Date	6	7	30	1 1/2	Fresh	D, S	Notes
Con III	lot 11	A. Hayes	Sep. 6, 1963	6	6	15	3	"	D	Sand 1; black granite 39; white rock 42; blue granite 45. Water at 39.
Con III	" 13	W. Parks	Jan. 17, 1961	6	15	9	3	"	C	Black granite 40. Water at 37.
Con III	" 30	A. Garey	Oct. 15, 1962	2	3	25	8	"	D	Sand 5; limestone 198. Water at 192.
Con IV	" 15	R. Knight	Sep. 28, 1960	6	15	29	14	"	D	Shale 8; dark blue granite 49. Water at 46.
Con IV	" 15	R. Parks	Feb. 21, 1961	2	1	25	6	"	D	Sandy gravel 3; dark grey limestone 46. Water at 41.
Con VI	" 15	B. Hayes	Mar. 28, 1961	6	10	100	30	"	D	Sandy loam 5; white limestone 126. Water at 120.
Con VII	" 19	Rev. F. B. McIntosh	Jul. 20, 1962	6	6	35	10 1/2	"	D	Sand boulders 4; red granite 44 1/2. Water at 18 and 41.
Con VII	" 26	C. H. Loyst	Nov. 26, 1962	6	35	18	16	"	D	Sand gravel 40; granite 58. Water at 54.
Con VII	" 27	M. Newton	Sep. 25, 1964	6	1	120	20	"	D	Clay 8; granite 153 1/2. Water at 50.
Con VII	" 31	C. Pohl	Oct. 18, 1963	6	10	15	4	"	D	Topsoil 2; bluish grey granite 30. Water at 27.
Con VIII	" 12	M. Arney	Dec. 15, 1962	6	70	65	25	"	D	Gravel boulders 6; white limestone 65. Water at 60.
Con VIII	" 14	Standard Church	Mar. 21, 1961	6	6	23	10	"	D	Sandy loam 3; white limestone 55. Water at 25.
Con VIII	" 17	A. Thornton	May 17, 1961	6	20	30	8	"	D	Clay 3; sand 11; grey granite 57. Water at 47 1/2.
Con VIII	" 17	F. Johnston	Nov. 17, 1961	6	7	35	12	"	D	Dug well 10; red granite 46. Water at 42.
Con VIII	" 17	M. Arney	Jan. 12, 1962	6	10	65	1	"	D	Brown clay 15; white limestone 70; black granite 80. Water at 80.
Con VIII	" 17	E. Keellar	Jul. 11, 1962	4	10	110	29	"	D	Sand boulders 7; limestone 133. Water at 120.
Con VIII	" 18	F. VanNeste	Aug. 3, 1963	2	1 1/2	50	9	"	D	Sand 3; hard grey limestone 55. Water at 40.
Con VIII	" 18	R. Parker	Apr. 2, 1964	6	3	131	9	"	D	Shale 16; black granite 131. Water at 127.
Con IX	" 12	E. Monds	Oct. 3, 1961	6	5	75	19	"	D, S	Topsoil 1; b; open rock 4; white limestone 108. Water at 75 and 104.
Con IX	" 13	N. Shrook	Sep. 14, 1960	2	2	38	12	"	D	White limestone 70. Water at 66.
Con IX	" 14	F. Scott	Mar. 3, 1960	6	3	75	4	"	D	Clay loam 2; white limestone 75. Water at 62.
Con IX	" 14	N. Scott	Jun. 18, 1960	2	1	26	11	"	D	Sand 2; limestone 91. Water at 86.
Con IX	" 14	N. Gendron	Sep. 12, 1960	6	20	110	14	"	D	Shale 18; white limestone 110. Water at 55.
Con IX	" 14	I. Ferrier	Jun. 1, 1962	6	4	24	12	"	D	Sand 1 1/2; red granite 34. Water at 30.
Con IX	" 14	"	May 30, 1963	6	4	60	12	"	D	Previously drilled well 34; red granite 69. Water at 65.
Con IX	" 14	C. Parker	Oct. 2, 1964	6	8	85	8	"	D	Topsoil 1; white limestone 20; black granite 103. Water at 96.
Con IX	" 15	A. Scott	May 30, 1961	6	10	50	12	"	D	Topsoil 1; sand 4; brown limestone 50; white limestone 55; blue limestone 70. Water at 45 and 65.
Con IX	" 15	M. Delyea	Jun. 1, 1961	6	20	25	6	"	D	Sand boulders 7; blue limestone 45. Water at 40.

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
Proctor AC County -cont. Kingston City	H. Brandt	J. Knox	Jan. 26, 1960	6	5	45	8	Fresh	D	Blue clay 24; blue limestone 51. Water at 49.
Kingston City	"	C. Goodberry Well Drilling Ltd.	May 19, 1960	6	20	30	10	"	D	Clay 26; blue limestone 46. Water at 38.
Kingston City	R. Balow	R.C. Wales	Jun. 14, 1960	6	2	48	19	"	C	Topsoil 2; limestone 48. Water at 35.
Kingston City	A. Seymour	W.H. Davy & Son	Aug. 29, 1961	6	20	30	18	"	D	Blue clay 31; blue limestone 52. Water at 45.
Kingston City	F. Irwin	"	Nov. 22, 1961	6	2	56	9	"	D	Clay sand 21; blue limestone 56. Water at 40.
Kingston City	Aluminum Co. Of Canada	C. Goodberry Well Drilling Ltd.	Mar. 14, 1962	6	33	127	84	"	T	Old well 24; red granite 317. Water at 300.
Kingston City	Cataraguin Self Club	R.C. Wales	May 5, 1962	6	2	68 1/2	15	"	P	Clay 4; grey limestone 68 1/2. Water at 45.
Kingston City	F. Music	C. Goodberry Well Drilling Ltd.	May 5, 1962	6	9	32	12	"	D	Blue limestone 65 1/2. Water at 60 1/2.
Kingston City	W.H. Keellar	W.H. Davy & Son	Nov. 8, 1962	6	15	55	25	"	C	Clay 9; gravel boulders 12; blue limestone 85. Water at 74.
Kingston City	Public Utilities Com.	C. Goodberry Well Drilling Ltd.	Mar. 5, 1963	6	11	100	6	"	P	Topsoil 2; blue clay 113; blue limestone 130. Water at 113 and 122.
Kingston City	H. Fowler	R.C. Wales	May 31, 1963	6	2	62 1/2	3	"	D	Clay 12; quicksand 19; grey limestone 62 1/2. Water at 48.
Kingston City	Superfest Gas Station	W.H. Davy & Son	Sep. 7, 1963	6	15	126	6	Salt	C	Clay 91; blue limestone 126. Water at 124.
Kingston Exp. COW	R.L. Parratt	C. Goodberry Well Drilling Co.	Aug. 8, 1960	6	5	135	30	Fresh	D	Broken rock 3; grey limestone 138; red granite 153. Water at 148.
Con I	V. Brals	"	May 21, 1962	6	10	18	18	"	D	Shale loam 6; grey limestone 50. Water at 22.
Con I	K. Clausen	"	Oct. 3, 1962	6	21	20	14	"	D	Loam 1 1/2; shale 14; grey limestone 45. Water at 26.
Con I	L.O. Hunt	"	Feb. 4, 1960	6	6	40	20	"	D	Previously drilled 44; limestone 60. Water at 55.
Con I	D. Asseistine	C. Goodberry Well Drilling Co.	Dec. 12, 1960	6				"	D	Grey limestone 126. Dry hole.
Con I	"	"	Dec. 15, 1960	6	2 1/2	80	18	"	D	Sand 1/2; grey limestone 86. Water at 80.
Con I	W. Steen- bakkers	R.C. Wales	Oct. 22, 1962	6	1	66	9	"	D	Grey limestone 66. Water at 25.
Con I	D. Graham	"	May 15, 1963	6	1	30	10	"	D	Grey limestone 70. Water at 65.
Con I	W. Hart	"	Apr. 15, 1964	6	68	16	16	"	D	Clay 5; limestone 68. Water at 65.
Con I	B. Purvis	J. Knox	May 13, 1961	6	65	18	18	"	D	Blue clay 61; blue limestone 23. Water at 68.
Con II	F. Kusar	"	Mar. 17, 1960	6	3	36	12	"	D	Blue clay 8; blue limestone 43. Water at 40.
Con II	L. Morton	"	Mar. 19, 1960	6	3	35	16	"	D	Blue clay 9; blue limestone 47. Water at 40.
Con II	D. Davies	"	Mar. 22, 1960	6	3	42	5	"	D	Blue clay 7; blue limestone 48. Water at 40.
Con II	Neilsen's Service Station	"	Jun. 6, 1960	6	3	50	10	"	D	Blue clay 9; blue limestone 56. Water at 45.
Con II	J. Andersen	R. Wales	Jun. 18, 1960	6	2	76	10	"	C	Previously drilled 48; limestone 76. Water at 48.
Con II	"	"	Jun. 23, 1960	6	4	30	12	"	D	Blue clay 14; blue limestone 44. Water at 38.
Con II	"	"	Jun. 25, 1960	6	4	48	12	"	D	Blue clay 18; blue limestone 54. Water at 48.
Con II	"	"	Jun. 7, 1960	6	3	47	7	"	D	Blue clay 16; blue limestone 55. Water at 40.
Con II	"	"	Aug. 15, 1960	6	3	50	18	"	D	Blue clay 7; blue limestone 56. Water at 48.
Con II	J. Vivian	"	Feb. 15, 1961	6	4	55	12	"	D	Blue clay 17; blue limestone 58. Water at 55.
Con II	J. Seckmeister	"	Mar. 12, 1961	6	2	68	15	"	D	Blue clay 1; blue limestone 58. Water at 50.
Con II	B. Norfensen	"	Aug. 5, 1961	6	2	68	15	"	D	Blue clay 1; blue limestone 58. Water at 65.



FRONTENAC CC NTY - cont.  
Kingston Twp. - cont.

Con II	J. Anderson	J. Knox	Aug. 10, 1961	6	2	68	0	Fresh	D	Blue clay 4; blue limestone 72. Water at 62.
Con II	T. Moyer	"	May 5, 1962	6	5	40	1	"	D	Blue clay 13; blue limestone 46. Water at 40.
Con II	W. Heska	W.H. Davy & Son	May 5, 1962	6	20	18	12	"	D	Clay 15; blue limestone 51. Water at 45.
Con II	C. Wise	J. Knox	Mar. 3, 1964	6	10	32	12	"	D	Blue clay 13; blue limestone 46. Water at 45.
Con II	T. Mayer	"	May 6, 1964	6	8	45	20	"	D	Blue clay 9; blue limestone 52. Water at 45.
Con II	J. Hoekstra	"	Jun. 4, 1964	6	4	45	4	"	D	Blue clay 8; blue limestone 53. Water at 47.
Con II	P.D. Swerbrick	"	Jul. 11, 1964	6	5	50	8	"	D	Topsoil 2; blue limestone 56. Water at 48.
Con II	M. Proby	"	Aug. 6, 1964	6	2	65	10	"	D	Blue clay 7; blue limestone 70. Water from 22 to 60.
Con II	B. Harper	"	Apr. 3, 1962	6	21	40	7	"	D	Blue clay 1; blue limestone 45. Water at 39.
Con II	B. Smith	R.C. Wales	Oct. 12, 1962	6	2	40	7	"	D	Clay sand boulders 3; grey limestone 65. Water at 60.
Con II	R. Lawton	J. Knox	Jan. 21, 1960	6	4	90	40	"	D	Topsoil 1; limestone 103. Water at 90.
Con II	C. Wood	C. Goodberry Well Drilling Ltd.	Jan. 2, 1961	7	1 1/2	90	5	"	D	Clay 30; sand clay 37; blue limestone 95. Water at 8 and 90.
Con II	H. Rosenbohn	J. Knox	Oct. 13, 1962	6						Shale limestone 2; blue limestone 41. Dry hole.
Con II	Allan Building Supply	C. Goodberry Well Drilling Ltd.	Aug. 26, 1960	6						Grey limestone 50. Dry hole.
Con II	B. Harper	J. Knox	May 13, 1964	6	4	58	25	Fresh	D	Topsoil 4; shale limestone 14; white limestone 63. Water at 55.
Con II	K. Fowler	C. Goodberry Well Drilling Ltd.	May 3, 1960	6	1 1/2	98	14	"	N	Topsoil 1; clay 15; blue limestone 99. Water at 70.
Con II	"	"	May 13, 1960	6	3 1/2	62	10	"	N	Topsoil 1; clay 10; blue limestone 69. Water at 65.
Con II	Sentry Dept. Store	R.C. Wales	Apr. 3, 1962	6				Salt	C	Clay boulders 9; grey limestone 61. Water at 55.
Con II	Limestone Lumber Co.	"	May 15, 1962	6	3	50	5	Fresh	D	Brown clay 9; grey limestone 50. Water at 30.
Con II	Marla Const. Co.	C. Goodberry Well Drilling Ltd.	Sep. 4, 1964	6	4	78	17	"	C	Topsoil 1; clay 10; blue limestone 86. Water at 40 and 85.
Con II	Prokop's	J. Knox	Aug. 19, 1963	6	20	50	4	"	C	Sandy soil 8; blue limestone 127. Water at 124.
Con II	G. Nicols	W.H. Davy & Son	Apr. 30, 1964	6	2 1/2	65	14	"	D	Loam 3; blue limestone 72. Water at 35 and 65.
Con III	C. Chaman	R.C. Dales	Feb. 3, 1960	6	3	77	22	Sulphur	S	Shale limestone 2; blue limestone 61. Water at 45.
Con III	E.A. Corcoran	J. Knox	Mar. 11, 1963	6	4	85	40	Fresh	D	Shale limestone 2; blue limestone 61. Water at 87.
Con III	W. Westlake	"	Aug. 24, 1960	6	1	64	20	"	D	Shale limestone 2; blue limestone 61. Water at 87.
Con III	D. Archer	"	Jun. 20, 1963	6	4	44	12	"	D	Blue clay 7; blue limestone 48. Water from 20 to 46.
Con III	H. Ryan	"	Oct. 30, 1964	6	10	90	19	"	D	Blue clay 14; blue limestone 105. Water from 38 to 100.
Con III	H. Taylor	"	Nov. 4, 1964	6	2	58	19	"	D	Blue clay 4; blue limestone 60. Water at 47.
Con III	H. Splinter	"	Oct. 27, 1962	6	1 1/2	42	5	"	D	Loam 5; shelly limestone 25; hard grey limestone 35; soft grey limestone 43. Water at 30.
Con III	L. Burgess	L. Campbell	Aug. 12, 1961	6				"		Loam 5; shelly limestone 14; hard grey limestone 23. Dry hole.
Con III	B. Dawson	"	Aug. 16, 1961	6				"		Loam 8; shelly limestone 20; hard grey limestone 23. Water at 12.
Con III	G.H. Compton	"	Aug. 21, 1961	6	1	21	4	Sulphur	D	Topsoil 2; blue limestone 40. Water at 18.
Con III	A. Robinson	J. Knox	Oct. 19, 1961	6	1	38	7	Fresh	D	Loam 4; shelly limestone 20; hard grey limestone 45. Water from 25 to 35.
Con III	M. Amyatt	L. Campbell	Jun. 27, 1960	6	1 1/2	43	5	"	F	Topsoil 2; blue limestone 89. Water from 32 to 82.
Con III	T. Pearn	J. Knox	Jul. 4, 1964	6	2	80	18	"	D	Clay 4; limestone 86. Dry hole.
Con III	W. Kitchen	R.C. Wales	Aug. 26, 1964	6	2	33	8	"	D	Loam 3; limestone 33. Water at 30.
Con III	Bothwell & Ferrin	W.H. Davy & Son	Jun. 8, 1960	6	2	33	8	Sulphur	D	
Con III	Lumber Co.	"		6						
Con III	Kingston Twp. Garage	J. Knox	Dec. 14, 1960	6	20	45	45	Fresh	C	Shale limestone 5; blue limestone 97. Water at 90.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PROVIDENCE COUNTY - cont. Kingston Twp. - cont.										
Con III lot 10	R. Macdoo	W.H.Davy & Son	Aug. 20, 1963	6	4	100	2	Fresh	D	Blue limestone 100. Water at 10 and 80.
Con III lot 10	"	"	Sep. 12, 1963	6	7	85	2	"	D	Shale 4; blue limestone 85. Water at 10 and 80.
Con III lot 13	W. Peterson	R.C. Wales	Apr. 5, 1960	6	3	61	6	"	D	Clay; limestone 61. Water at 27.
Con III lot 14	J. Black	W.Davy Jr.	Jul. 29, 1960	6	20	79	40	"	D	Blue limestone 79. Water at 70.
Con III lot 14	E. Prohaska	J. Knox	May 16, 1963	6	4	40	16	"	D	Blue clay 27; gravelly sand 29; blue limestone 46. Water at 33.
Con III lot 15	E. Harpell	W.H.Davy & Son	Feb. 17, 1960	6	5	38	10	"	D	Blue clay 18; blue limestone 38. Water at 31.
Con III lot 15	M. Harpell	"	Feb. 23, 1960	6	5	82	11	"	D	Blue clay 16; blue limestone 82. Water at 74.
Con III lot 15	Harpell's Garage	"	Feb. 25, 1960	6	15	23	13	"	C	Blue clay 11; blue limestone 38. Water at 35.
Con III lot 15	C. Potter	C. Goodberry Well Drilling Ltd.	Jun. 9, 1960	6	15	32	26	"	D	Clay 25; blue limestone 55. Water at 43 and 50.
Con III lot 15	A.G. Gartlan	"	Aug. 23, 1960	6	10	25	15	"	D	Topsoil 1; clay 8; limestone 51. Water at 26 and 48.
Con III lot 15	C. Porter	W.H.Davy & Son	Sep. 1, 1960	6	10	53	18	"	D	Clay 10; blue limestone 53. Water at 35.
Con III lot 15	E. Prohaska	J. Knox	Mar. 16, 1961	6	4	36	5	"	D	Blue clay 10; blue limestone 41. Water at 36.
Con III lot 15	G. Hodson	G.H. Chalk Jr.	Apr. 20, 1961	6	9	35	15	"	D	Clay 20; grey limestone 50. Water at 39.
Con III lot 15	C. Mazzolin	C. Goodberry Well Drilling Ltd.	May 26, 1961	6	7	34	14	"	D	Brown blue clay 14; blue limestone 49. Water at 30 and 45.
Con III lot 15	J. Wojciechow-ski	J. Knox	Jul. 12, 1961	6	10	38	5	"	D	Blue clay 4; blue limestone 53. Water at 50.
Con III lot 15	S. McAdoo	"	Oct. 30, 1964	6	10	38	17	"	D	Blue clay 13; blue limestone 49. Water at 47.
Con III lot 16	Akela Ltd.	"	Jul. 8, 1960	6	5	20	14	"	C	Blue clay 14; shale limestone 20; blue limestone 50. Water at 40.
Con III lot 16	A. Jacobson	W.H.Davy & Son	Aug. 23, 1960	6	30	30	12	"	D	Clay 3; black limestone 37. Water at 30.
Con III lot 16	Jean's & Joe's Restaurant	"	Sep. 7, 1960	6	20	40	14	"	D	Clay 16; blue limestone 60. Water at 50.
Con III lot 16	R. Keeler	"	Mar. 28, 1961	6	12	25	16	"	D	Clay 2; shale 10; blue limestone 45. Water at 38.
Con III lot 16	E. Mortensen	J. Knox	Jul. 4, 1961	6	5	43	14	"	D	Blue clay 8; blue limestone 50. Water at 47.
Con III lot 16	Anglican Church Parsonage	"	Jul. 6, 1961	6	5	71	18	"	D	Blue clay 8; blue limestone 51. Water at 48.
Con III lot 16	"	"	Sep. 28, 1961	6	5	71	48	"	P	Blue clay 19; blue limestone 71. Water at 60.
Con III lot 16	J. Claessen	W.H.Davy & Son	Nov. 13, 1962	6	40	33	26	"	D	Clay sand 31; blue sand 61. Water at 56.
Con III lot 16	A. Jackson	J. Knox	Nov. 3, 1964	6	10	40	30	"	D	Blue clay 13; blue limestone 61. Water at 55.
Con III lot 16	S. Morrow	E.C. Wales	Dec. 16, 1964	6	35	35	20	"	D	Previously drilled 51; limestone 72. Water at 56.
Con III lot 16	T. Moyer	J. Knox	Dec. 7, 1964	6	10	47	25	"	D	Blue clay 9; blue limestone 53. Water at 49.
Con III lot 33	N. Snyder	"	Dec. 11, 1964	6	10	45	35	"	D	Blue clay 17; blue limestone 60. Water at 55.
Con IV lot 1	H. Fitzgerald	"	Aug. 16, 1964	6	2	98	25	"	D	Blue clay 2; blue limestone 98. Water at 96.
Con IV lot 1	W. N. Serson	"	Jul. 20, 1964	6	6	65	27	"	D	Shale limestone 4; blue limestone 70. Water at 67.
Con IV lot 1	A. Potter	W.H.Davy & Son	May 20, 1964	6	3	65	7	"	D	Loam 3; blue limestone 65. Water at 48.
Con IV lot 1	E. Gauthier	J. Knox	Apr. 18, 1960	6	10	40	36	Fresh	D	Shale 4; blue limestone 100. Dry hole.
Con IV lot 8	J. Vanhensen	C. Goodberry Well Drilling Ltd.	May 18, 1960	6	10	40	36	"	D	Topsoil 1; clay 8; limestone 46. Water at 38 and 42.
Con IV lot 8	J. Pawcett	J. Knox	Sep. 18, 1962	6	6	65	50	"	D	Shale limestone 24; blue limestone 72. Water at 62.
Con IV lot 11	E. Armstrong	W.H.Davy & Son	Apr. 27, 1963	6	3	65	15	"	D	Shale 15; blue limestone 85. Water at 43.
Con IV lot 11	E. Harpell	"	Mar. 4, 1960	6	5	98	14	Salty	D	Shale 22; blue limestone 98. Water at 76.
Con IV lot 13	E.W. Harpell	"	Oct. 17, 1961	6	2	61	22	Fresh	D	Clay 4; shale 11; blue limestone 61. Water at 50.
Con IV lot 13	N. McKel	"	Jun. 18, 1960	6	3	74	20	"	S	Blue limestone 74. Water at 70.
Con IV lot 13	A. Larffrenier	R.C. Wales	Mar. 30, 1963	6	21	20	12	Sulphur	D	Loam 2; grey limestone 55. Water at 35.
Con IV lot 13	H. Sly	J. Knox	Nov. 6, 1963	6	5	57	40	Fresh	D	Topsoil 2; shale seamy limestone 23; blue limestone 65. Water at 60.

FRONTENAC COUNTY - cont.  
Kingston Twp. - cont.

Con IV	H. Turnham	J. Knox	Sep. 26, 1964	6	1	130	40	D, S	Sandy soil 2; blue limestone 130. Water at 115.
Con IV	H. Harpell	W. H. Davy & Son	Feb. 24, 1960	6	15	13	11	D	Blue clay 16; blue limestone 38. Water at 35.
Con IV	H. Gibson	J. Knox	Mar. 15, 1960	6	4	40	15	D	Blue clay 1; blue limestone 47. Water at 40.
Con IV	C. S. Tremblay	C. Goodberry Well Drilling Ltd.	Jun. 21, 1960	6	10	50	21	D	Topsoil 1; clay 4; limestone 60. Water at 51.
Con IV	H. O. Sharpe	J. Knox	Jun. 24, 1960	6	4	20	12	D	Blue clay 6; blue limestone 47. Water at 43.
Con IV	P. Lysek	"	Aug. 8, 1960	6	3	68	50	D	Blue clay 2; blue limestone 68. Water at 62.
Con IV	B. Zomer	"	Jan. 27, 1961	6	1	62	36	D	Blue clay 4; blue limestone 65. Water at 38.
Con IV	B. Mortensen	"	Apr. 16, 1961	6	4	38	20	D	Blue clay 4; blue limestone 44. Water at 38.
Con IV	"	"	Aug. 18, 1961	6	7	45	26	D	Blue clay 8; blue limestone 48. Water at 34.
Con IV	G. Wolsey	"	Oct. 17, 1962	6	3	45	18	D	Blue clay 7; blue limestone 47. Water at 42.
Con IV	H. Silver	"	Mar. 4, 1963	6	6	30	50	D	Blue clay 6; blue limestone 72. Water at 62.
Con IV	H. Harter	"	Apr. 9, 1963	6	2	72	12	D	Blue clay 4; blue limestone 47. Water at 22 and 40.
Con IV	A. Nichols	C. Goodberry Well Drilling Ltd.	Sep. 20, 1963	6	2	190	100	D	Clay 6; blue limestone 192; granite 196 $\frac{1}{2}$ . Water at 192.
Con IV	Kingston Twp.	J. Knox	Nov. 27, 1964	6	5	200	50	P	Shale limestone 5; blue limestone 222. Water from 60 to 210.
Con IV	School Area	W. H. Davy & Son	Oct. 5, 1960	6	3	66	40	D	Full 2; blue limestone 66. Water at 24.
Con IV	A. Hanley	J. Knox	Dec. 22, 1960	6	4	40	16	D	Blue clay 4; blue limestone 45. Water at 36.
Con IV	B. Mortensen	"	Feb. 13, 1961	6	5	32	22	D	Blue clay 4; blue limestone 46. Water at 32.
Con IV	L. Campbell	L. Campbell	Aug. 2, 1961	6	3	47	3	D	Loam 13; shelly limestone 20; hard grey limestone 50. Water at 10 and 35.
Con IV	B. Mortensen	J. Knox	Aug. 23, 1961	6	2	54	21	D	Blue clay 5; blue limestone 57. Water at 52.
Con IV	B. Kane	"	Sep. 15, 1961	6	1	85	28	D	Blue clay 4; blue limestone 49. Water at 40.
Con IV	R. Snyder	"	Oct. 10, 1961	6	2	85	45	D	Topsoil 1; blue limestone 92. Water at 89.
Con IV	G. Wolsey	"	Jan. 9, 1962	6	5	28	10	D	Blue clay 3; blue limestone 35. Water at 30.
Con IV	G. Allan	"	Feb. 9, 1962	6	1	38	9	D	Blue clay 3; blue limestone 48. Water at 40.
Con IV	G. Wolsey	"	Jun. 29, 1962	6	1	30	5	D	Topsoil 1; blue limestone 32. Water at 19.
Con IV	E. H. Radtke	"	Apr. 14, 1963	6	10	37	5	D	Sandy soil 3; shale limestone 7; blue limestone 43. Water at 38.
Con IV	J. Davis	"	May 4, 1963	6	< 5	55	8	D	Shale limestone 9; blue limestone 57. Water at 23.
Con IV	K. Waller	W. H. Davy & Son	Dec. 13, 1963	6	7	60	20	D	Blue limestone 68. Water at 64.
Con IV	W. Frackle	R. C. Wales	Sep. 8, 1964	6	4	55	41	D	Loam 2; limestone 55. Water at 5.
Con IV	A. D. Ward	W. H. Davy & Son	Sep. 31, 1960	6	10	38	16	D	Clay 10; blue limestone 41. Water at 38.
Con IV	C. Humel	J. Knox	Oct. 30, 1963	6	4	75	20	D	Topsoil 1; shale limestone 4; blue limestone 82. Water at 78.
Con IV	"	"	Apr. 8, 1964	6	3	70	14	D	Topsoil 2; shale limestone 8; blue limestone 74 $\frac{1}{2}$ . Water at 68.
Con IV	B. Revelle	W. H. Davy & Son	May 16, 1964	6	40	26	11	D	Loam 5; blue limestone 48. Water at 29 and 42.
Con IV	S. Patterson	C. Goodberry Well Drilling Ltd.	Jul. 22, 1960	6	10	80	62	D	Topsoil 1; clay 5; grey limestone 136; red granite 146. Water at 140.
Con IV	S. Corkey	"	Oct. 12, 1960	6	5	100	69	D	Clay 5; grey limestone 126. Water at 100 and 115.
Con IV	J. McGaw	G. H. Chalk Jr.	Jul. 13, 1961	6	112	20	"	D	Clay 4; grey limestone 112. Water at 98.
Con IV	E. Wyland	R. C. Wales	Apr. 15, 1963	6	< 5	58	6	D	Loam 2; grey limestone 59 $\frac{1}{2}$ . Water at 30.
Con IV	E. Coran	W. H. Davy & Son	Aug. 24, 1961	6	15	40	15	D	Blue limestone 79. Water at 70.
Con IV	Bathe-	J. Knox	Sep. 29, 1962	6	70	25	"	D	Shale limestone 4; blue limestone 77. Water at 65.
Con IV	McLellan Co.	"	Dec. 19, 1963	6	103	30	"	D	Topsoil 1; blue limestone 103. Water at 95.
Con IV	L. Bellow	"	Jun. 9, 1961	6	1	170	30	D	Topsoil 1; blue limestone 73. Water at 40.
Con IV	Ball Bros.	"	May 16, 1964	6	1	150	80	D	Shale limestone 5; blue limestone 162. Water at 155.
Con IV	Const.	W. H. Davy & Son	Aug. 2, 1963	6	15	135	80	D	Loam 3; blue limestone 140; red granite 143. Water at 140.

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# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PERCUTANAS COUNTY - cont. Kingson Con IV	E. Graham	R.C. Wade	Jul. 13, 1963	6	5	143	60	Fresh	D, S	Clay 1; shale 16; grey limestone 112; sandstone 143. Water at 97.
Con IV	J. A. Barton	C. Goodberry Well Drilling Ltd.	Sep. 2, 1960	6	8	110	95	"	D	Drilled well limestone 90; red granite 115. Water at 100.
Con IV	L. South	J. Knox	Jun. 18, 1963	6	6	52	27	"	D	Topsoil 2; shale limestone 14; blue limestone 73. Water from 34 to 66.
Con IV	R. Wilson	W. H. Davy & Son	Sep. 7, 1962	6	5	103	23	"	D	Blue clay 29; red granite 103. Water at 99.
Con IV	T. Forte	"	Sep. 27, 1962	6	15	8	7	"	D	Blue clay 19; red granite 55. Water at 51.
Con IV	R. Smith	J. Knox	May 11, 1961	6	10	36	1	"	D	Blue clay 26; sandy gravel 29; gravel bed 30; black granite 44. Water at 30.
Con IV	A. Mills	W. H. Davy & Son	Feb. 15, 1962	6	20	30	12	"	D	Clay 27; red granite 47. Water at 45.
Con IV	M. Rutan	"	Sep. 21, 1964	6	1	125	7	"	D	Clay 35; granite 125. Water at 100.
Con IV	E. Snyder	J. Knox	Jan. 19, 1962	6	3	42	12	"	D	Blue clay 26; red granite 54. Water at 52.
Con IV	C. Sheldon	C. Goodberry Well Drilling Ltd.	May 26, 1962	6	5	100	32	"	D	Loam fired granite 126. Water at 105.
Con IV	R. Kerr	"	Aug. 26, 1963	6	3	195	33	"	D	Full limestone 205. Water at 200.
Con V	M. Dirksen	"	Aug. 13, 1960	6				"		grey limestone 100, Dry hole.
Con V	K. Mikulski	"	Aug. 23, 1960	6				"		Sand 1; grey limestone 106. Dry hole.
Con V	"	"	Aug. 24, 1960	6				"		Sand 1; grey limestone 46. Dry hole.
Con V	R. McCullough	J. Knox	Jun. 4, 1962	6	1	34	12	Fresh	D	Topsoil 2; blue limestone 36. Water at 28.
Con V	J. Mahanny	C. Goodberry Well Drilling Ltd.	Sep. 2, 1961	6				"		Blasted well 22; blue limestone 47. Dry hole.
Con V	G. Wlyz	"	Apr. 19, 1962	6	< 2	70	47	Fresh	D	Shale 6; blue limestone 73. Water at 60.
Con V	L. Page	J. Knox	Jul. 7, 1964	6	2	95	30	"	D	Topsoil 1; shale limestone 5; blue limestone 100. Water from 30 to 90.
Con V	H. McAllister	C. Goodberry Well Drilling Ltd.	Oct. 24, 1960	6	10	47	47	"	D	Topsoil 1; broken rock 9; haripan 19; grey limestone 66. Water from 42 to 60.
Con V	E. Brosh	J. Knox	Nov. 7, 1961	6	3	48	12	"	D	Blue clay 3; red granite 53. Water at 48.
Con V	R. M. Allison	R. C. W. Les	Feb. 6, 1963	6	2	86	30	"	D	Loam 3; grey limestone 80; red granite 86. Water at 60.
Con V	F. Verzyer	W. H. Davy & Son	Aug. 2, 1960	6				"		Loam 3; blue limestone 66. Dry hole.
Con V	R. Siepkins	J. Knox	Sep. 20, 1960	6	4	90	50	"	D	Topsoil 2; blue limestone 96. Water at 90.
Con V	C. Silver	W. H. Davy & Son	Sep. 15, 1961	6	1	80	30	"	D	Clay 4; blue limestone 80. Water at 40.
Con V	C. Disper	"	May 31, 1962	6	3	70	9	"	D	Shale 10; blue limestone 70. Water at 62.
Con V	E. Gascoigne	"	Sep. 2, 1964	6	5	175	80	"	D	Shale 12; blue limestone 174; green limestone red granite 184. Water at 179.
Con V	E. A. Taylor	C. Goodberry Well Drilling Ltd.	Aug. 18, 1960	6	1	85	28	"	D	Limestone 89. Water at 80.
Con V	A. Kemp	W. H. Davy & Son	Nov. 21, 1960	6	10	70	64	"	D	Clay 19; blue limestone 92. Water at 89.
Con V	P. Kemp	J. Knox	Jun. 9, 1961	6	4	82	50	"	D	Blue clay 2; shale limestone 5; blue limestone 91. Water at 89.
Con V	G. Wolsey	"	Jun. 29, 1961	6	1	70	32	"	D	Blue clay 4; blue limestone 75. Water at 72.
Con V	M. Silver	"	Oct. 5, 1962	6	2	63	40	"	D	Blue clay 4; blue limestone 68. Water at 64.
Con V	Twp. Fire Hall	"	Oct. 23, 1962	6	15	85	50	"	P	Blue clay 9; blue limestone 100. Water at 85.
Con V	J. Silver	W. H. Davy & Son	Feb. 14, 1962	6	8	75	20	"	D	Shale 10; blue limestone 75. Water at 71.
Con V	M. Wilson	"	Feb. 16, 1960	6				"		Shale 10; blue limestone 70. Dry hole.
Con V	H. Pronaska	J. Knox	May 28, 1960	6	2	78	18	"	D	Shale limestone 4; blue limestone 78. Water at 48.
Con V	R. Taylor	W. H. Davy & Son	Sep. 22, 1961	6	4	20	35	"	S	Blue limestone 80. Water at 60.
Con V	L. Shepherd Jr.	C. Goodberry Well Drilling Ltd.	Aug. 2, 1963	6	4	20	7	"	D	Clay 2; blue limestone 41. Water at 23 and 38.
Con V	T. Wilson	"	May 27, 1964	6	20	10	5	"	D	Loam 1; blue limestone 32. Water at 20, 25 and 30.

FRONTENAC COUNTY -cont.

Con V	lot 22	L. Shepherd	C. Goodberry Well Drilling Ltd.	Oct. 8, 1960	6	3	21	17	Fresh	D	Broken rock 3; grey limestone 27. Water at 20.
Con V	" 22	D. Lovelace	R.C. Wales	Apr. 18, 1964	6	20	17	17	"	D	Clay 9; limestone 52. Water at 35.
Con V	" 23	T. Roday	W.H. Davy & Son	Dec. 21, 1963	6	5	40	20	"	D	Topsoil shale 3; blue limestone 45. Water at 42.
Con V	" 23	W.B. Lillis	C. Goodberry Well Drilling Ltd.	Aug. 14, 1964	6	7	40	15	Sulphur	D, S	Broken rock 4; blue limestone 72½. Water at 70.
Con V	" 24	C. Ambury	"	Apr. 8, 1960	6	20	12	4	Fresh	D	Topsoil 1; clay 10; blue limestone 46. Water at 22, 30 and 40.
Con V	" 24	A.W. Allen	W.H. Davy & Son	Jun. 11, 1960	6	20	25	8	"	D	Clay 17; blue limestone 51. Water at 48.
Con V	" 24	I. Leblanc	J. Knox	Nov. 13, 1960	6	3	50	18	"	D	Blue clay 12; blue limestone 56. Water at 50.
Con V	" 24	N. McCallum	"	Nov. 14, 1960	6	6	40	12	"	D	Blue clay 18; blue limestone 53. Water at 50.
Con V	" 24	P. Nolte	"	Jun. 22, 1961	6	10	35	8	"	D	Blue clay 18; shale limestone 19½; blue limestone 40. Water at 38.
Con V	" 24	A. Mulholland	"	May 2, 1962	6	10	39	7	"	D	Blue clay 19½; blue limestone 45. Water at 40.
Con V	" 24	E. Hargden	"	Jul. 15, 1963	6	12	48	17	"	D	Blue clay 14; blue limestone 53. Water from 26 to 49.
Con V	" 24	E. Hargden	W.H. Davy & Son	Nov. 20, 1964	6	15	48	12	"	D	Clay 24; blue limestone 54. Water at 38 and 51.
Con V	" 25	E. Nuttall	"	Aug. 11, 1961	6	10	35	12	"	D	Clay 6; blue limestone 50. Water at 44.
Con V	" 25	McKenney Bros.	"	Aug. 11, 1964	6	45	25	18	"	In	Limestone 68. Water at 64.
Con V	" 28	J. Scherpenisse	C. Goodberry Well Drilling Ltd.	Jan. 6, 1964	6	20	25	10	"	D	Topsoil 2; clay 9; limestone 48. Water at 25 and 44.
Con V	" 28	B. Harper	J. Knox	Oct. 10, 1961	6	5	36	12	"	D	Sand 6; blue limestone 42. Water at 38.
Con V	" 30	W. Carl	"	Jul. 28, 1962	6	10	34	15	"	D	Sandy soil 9; blue limestone 40. Water at 34.
Con V	" 30	"	"	Sep. 7, 1960	6	4	60	28	"	D	Blue clay 12; fine sand 33; quicksand 4½; blue limestone 66. Water at 60.
Con V	" 30	R. Simpson	W.H. Davy & Son	Jun. 30, 1961	6	12	51	17	"	D	Blue clay 13; blue limestone 67. Water at 64.
Con V	" 30	B. Franks	J. Knox	Apr. 24, 1963	6	5	45	12	"	D	Sandy soil 6; blue limestone 51. Water at 19 and 49.
Con V	" 30	"	"	Apr. 29, 1963	6	10	75	30	"	D	Sandy soil 6; blue limestone 82. Water at 28 and 80.
Con V	" 30	"	"	Sep. 6, 1963	6	4	70	18	"	D	Sandy soil 2; fine sand 13; blue limestone 75. Water at 65.
Con V	" 30	J. Berndt	"	Aug. 23, 1964	6	4	50	27	"	D	Blue clay 21; blue limestone 58. Water from 29 to 54.
Con V	" 30	G. Tittley	"	Jul. 27, 1964	6	4	60	19	"	D	Sandy soil 5; shale limestone 14; blue limestone 63. Water at 49.
Con V	" 30	S. Welford	"	Jul. 23, 1964	6	1½	60	38	"	D	Sandy soil 49; blue limestone 69. Water at 64.
Con V	" 31	F. Hartmann	"	Aug. 2, 1960	6	6	58	14	"	D	Sandy soil 13; blue limestone 63. Water at 48.
Con V	" 31	T. Hollingsworth	C. Goodberry Well Drilling Ltd.	Oct. 4, 1962	6	5	50	24	"	D	Topsoil 1; clay 20; sand 22; blue limestone 62. Water at 44 and 56.
Con V	" 33	P. Heijmans	J. Knox	Jun. 11, 1962	6	1½	70	15	"	D	Sandy soil 2; shale limestone 9; blue limestone 79. Water at 35 and 74.
Con V	" 33	H. Steckmeister	W.H. Davy & Son	Jul. 11, 1962	6	20	40	30	"	D	Blue limestone 61. Water at 55.
Con V	" 33	T. Mayer	J. Knox	Jul. 31, 1962	6	3	45	18	"	D	Blue clay 18; blue limestone 52. Water at 48.
Con V	" 33	H. Steckmeister	W.H. Davy & Son	Sep. 29, 1962	6	15	56	15	"	D	Blue clay 19; blue limestone 56. Water at 28 and 53.
Con V	" 33	T. Moyer	J. Knox	Aug. 26, 1963	6	7	38	22	"	D	Blue clay 1; blue limestone 49. Water at 40.
Con V	" 33	"	"	Aug. 28, 1963	6	8	37	20	"	D	Blue clay 4; blue limestone 50. Water at 43.
Con V	" 33	"	"	Oct. 11, 1963	6	6	55	26	"	D	Blue clay 5; blue limestone 60. Water at 53.
Con V	" 33	"	"	May 30, 1964	6	6	65	14	"	D	Blue clay 28; fine sand 46; fine gravel sand 51; blue limestone 76. Water at 59.
Con V	" 33	"	"	Jun. 4, 1964	6	4	75	12	"	D	Blue clay 26; sandy gravel 51; blue limestone 80. Water at 70.
Con V	" 33	"	"	May 29, 1964	6	4	68	20	"	D	Blue clay 38; sandy soil 53; gravel 54; red grey granite mixed 74. Water from 54 to 60.
Con V	" 33	"	"	Aug. 17, 1964	6	6	65	15	"	D	Blue clay 20; sandy gravel 27; fine sand 48; sandy gravel 51; grey granite 75. Water at 68.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C — RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PROVINCIAL COUNTY - cont. Kinston Twp. - cont.										
Con V	T. Mayer	J. Knox	Aug. 17, 1964	6	6	65	15	Fresh	D	Blue clay 20;sandy gravel 27;fine sand 48;sandy gravel 51; grey granite 75. Water at 38.
Con V	A. J. Medley	W. H. Davy & Son	Dec. 7, 1960	6	10	115	30	"	D, S	Sand 8; sandstone 115. Water at 100.
Con V	H. P. Kelly	C. Goodberry Well Drilling Ltd.	Jun. 29, 1961	6	20	15	4½	"	D	Clay 30;sand 42;red granite 69½. Water at 65.
Con V	H. Steckmeister	W. H. Davy & Son	Apr. 31, 1962	6	10	30	7	"	D	Clay 16;blue limestone 50. Water at 33.
Con V	"	"	May 2, 1962	6	10	28	12	"	C	Clay 26;blue limestone 52. Water at 45.
Con V	"	"	Aug. 1, 1962	6	10	30	15	"	C	Sandy clay 8;shale 11;blue limestone 50. Water at 45.
Con V	"	"	Oct. 7, 1962	6	12	37	22	"	D	Blue clay 17;blue limestone 57. Water at 25 and 36.
Con V	T. Mayer	J. Knox	Apr. 7, 1963	6	10	28	10	"	D	Blue clay 5;blue limestone 45. Water from 18 to 36.
Con V	H. Steckmeister	W. H. Davy & Son	Apr. 16, 1963	6	20	25	12	"	D	Clay 4;blue limestone 48. Water at 40.
Con V	"	"	Apr. 24, 1963	6	20	25	14	"	D	Clay 6;blue limestone 52. Water at 45.
Con V	"	"	Apr. 24, 1963	6	20	22	12	"	D	Loam 6;blue limestone 50. Water at 45.
Con V	"	"	May 9, 1963	6	10	30	18	"	D	Clay 6;blue limestone 48. Water at 40.
Con V	Henco Eggs Heg'd	J. Knox	Nov. 12, 1963	6	8	85	50	"	S	Topsoil 5;blue limestone 54. Water at 45. Sand 9;blue limestone 112. Water from 49 to 110.
Con V	T. Mayer	"	Apr. 30, 1963	6	10	38	7	"	D	Blue clay 26;blue limestone 42;grey granite 46. Water at 40.
Con V	"	"	Aug. 24, 1963	6	6	45	20	"	D	Blue clay 7;blue limestone 50. Water at 44.
Con V	C. J. M. Blommestyn	"	Oct. 15, 1963	6	7	45	19	"	D	Blue clay 9;blue limestone 56. Water from 29 to 54.
Con V	T. Mayer	"	Jul. 13, 1964	6	6	46	18	"	D	Blue clay 12;blue limestone 55. Water at 49.
Con V	"	"	Sep. 21, 1964	6	5	48	14	"	D	Blue clay 8;blue limestone 56. Water at 52.
Con V	R. E. Morrison	"	Apr. 20, 1963	6	12	27	6	"	D	Sandy soil 12;blue clay 22;brown grey granite 30. Water at 27.
Con V	A. H. Hill	W. H. Davy & Son	Oct. 18, 1962	6	6	75	19	"	D	Blue clay 43;grey granite 75. Water at 71.
Con V	H. Perkins	J. Knox	Jul. 21, 1964	6	1	68	8	"	D	Blue clay 16;fine sand 22;grey granite 31;sandstone granite mixed 70. Water at 40.
Con VI	G. Fish	L. Campbell	Nov. 25, 1964	6	1	60	20	"	D	Loam 4;hard grey limestone 21;soft grey limestone 33;hard grey limestone 57;soft grey limestone 62. Water at 57.
Con VI	A. Thain	C. Goodberry Well Drilling Ltd.	Oct. 9, 1961	6	15	40	10½	"	D	Topsoil 1;clay 6;blue limestone 66. Water at 60.
Con VI	H. Kraats	J. Knox	May 24, 1962	6	2	50	8	"	D	Blue clay 2;blue limestone 57. Water at 47.
Con VI	R. Orser	C. Goodberry Well Drilling Ltd.	Oct. 18, 1960	6	1	60	20	"	D, S	Shale limestone 10;blue limestone 60. Water at 40.
Con VI	V. Maloney	C. Goodberry Well Drilling Ltd.	Sep. 17, 1960	6	4	58	29½	"	D	Sand 1;grey clay 23½;grey limestone 66. Water at 62.
Con VI	J. Stasko	J. Knox	Dec. 21, 1964	6	1	64	6	Fresh	D	Topsoil 2;blue limestone 100. Dry hole.
Con VI	H. Monan	"	Jul. 26, 1962	6	1	64	6	"	D	Sand 1½;blue limestone 66. Water at 50.
Con VI	A. Anderson	W. H. Davy & Son	Sep. 5, 1964	6	1	22	12	Sulphur	D	Loam 7;blue limestone 90. Dry hole.
Con VI	C. S. Harvey	L. Campbell	Aug. 8, 1961	6	10	60	12	"	D	Loam 2;shelly limestone 20;hard grey limestone 23. Water at 17.
Con VI	R. L. Doyle	C. Goodberry Well Drilling Ltd.	Dec. 21, 1961	6	10	60	12	"	D	Topsoil 2;blue limestone 85. Water at 78.
Con VI	E. Dahmes	W. H. Davy & Son	May 1, 1962	6	1	76	19	"	D	Blue clay 3;blue limestone 76. Water at 64.
Con VI	P. Harfner	"	Jan. 5, 1963	6	3	79	19	"	D	Shale 8;blue limestone 79. Water at 74.
Con VI	Twp. School Area	J. Knox	Jan. 20, 1960	6	3	90	40	"	F	Blue clay 7;blue limestone 100. Water at 90.



FRONTENAC COUNTY - cont.  
Kingston Twp. - cont.

Con VI	"	17	H. Guthrie	May 15, 1961	6	12	51	26	Fresh	D	Shale 12; blue limestone 61. Water at 56.
Con VI	"	18	J. Pilgrim	Apr. 18, 1961	6	24	94	25	"	D	Blue limestone 97. Water at 75.
Con VI	"	18	E. Dupais	Oct. 20, 1961	6	1	95	40	"	D	Blue limestone 97. Water at 70.
Con VI	"	18	A. Sedore	Jul. 2, 1962	6	5	95	60	"	D	Topsoil 1; blue limestone 102. Water at 97.
Con VI	"	18	R. Harrington	Jun. 7, 1963	6	< 4	100	20	"	D	Clay 8; blue limestone 105. Water at 103.
Con VI	"	18	P. Martin	Jun. 13, 1963	6	< 4	30	30	Salty	D	Clay 6; blue limestone 135. Water at 135.
Con VI	"	18	W.E. Jewel	Jun. 25, 1963	6	10	12	12	Fresh	D	Clay 6; blue limestone 98. Water at 44.
Con VI	"	21	W.H. Davy & Son	Aug. 12, 1960	6	10	40	24	"	D	Clay 6; blue limestone 98. Water at 44.
Con VI	"	21	B. Mackintosh	Jul. 19, 1962	6	5	36	24	"	D	Blue clay 3; blue limestone 46. Water at 43.
Con VI	"	21	B. Prohaska	Feb. 3, 1964	6	4	20	22	"	D	Blue clay 3; blue limestone 43. Water at 32.
Con VI	"	22	T.L. Smith	Aug. 21, 1962	6	10	67	22	"	D	Clay 12; blue limestone 67. Water at 49 and 65.
Con VI	"	23	J.W. Joyce	Jul. 20, 1962	6	40	50	16	"	D, S	Clay 16; blue limestone 75. Water at 32, 45, 65 and 70.
Con VI	"	23	"	Jul. 27, 1962	6	20	40	11	"	D	Clay 12; blue limestone 76. Water at 45 and 74.
Con VI	"	23	"	Apr. 25, 1963	6	40	25	18	"	D	Topsoil 1; clay 15; gravel hardpan 29; blue limestone 36 1/2.
Con VI	"	24	R. Crockett	Oct. 12, 1961	6	20	15	11	"	D	Clay 6; blue limestone 35. Water at 30.
Con VI	"	24	Renaud Constr.	Sep. 8, 1962	6	18	45	9	"	D	Clay 12; blue limestone 67. Water at 20, 30 and 55.
Con VI	"	24	J. Kibp	Sep. 13, 1962	6	10	61	42	"	D	Clay 1; broken rock 5; blue limestone 81. Water at 75.
Con VI	"	24	W. Jonsson	Dec. 7, 1982	6	3	80	43	"	D	Topsoil 2; blue limestone 87. Water at 80.
Con VI	"	24	C.J.M.	Aug. 5, 1983	6	4	46	16	"	D	Blue clay 10; shale limestone 14; blue limestone 51. Water at 49.
Con VI	"	25	Blomestyn	Nov. 7, 1963	6	2	102	35	"	D	Clay 7; blue limestone 102. Water at 85.
Con VI	"	25	L. Lyons	Apr. 13, 1980	6	20	80	21	"	D	Blue limestone 59. Water at 55.
Con VI	"	25	H. Klappach	Apr. 20, 1981	6	12	83	35	"	D	Loam 4; blue limestone 83. Water at 65.
Con VI	"	25	B. Shannon	Mar. 1, 1981	6	12	42	19	"	D	Shale 12; blue limestone 80. Water at 74.
Con VI	"	25	H.Y. Sonnenmann	Jan. 27, 1983	6	7	59	22	"	D	Fine sand 26; blue limestone 59. Water at 51.
Con VI	"	25	J. Fowler	Jun. 27, 1983	6	5	59	22	"	D	Sand 9; blue limestone 59. Water at 50.
Con VI	"	29	G. Draper	Jan. 4, 1981	6	5	47	24	"	D	Sandy soil 8; shale limestone 9; blue limestone 52. Water at 47.
Con VI	"	29	G. Silver	Oct. 17, 1981	6	10	114	35	Salty	D, S	Blue clay 15; blue limestone 114. Water at 110.
Con VI	"	31	A. Spooner	Nov. 15, 1980	6	4	120	80	Fresh	S	Topsoil 7; blue limestone 130. Water at 35 and 85.
Con VI	"	31	T. McPerridge	Sep. 23, 1982	6	4	120	80	"	S	Topsoil 7; blue limestone 120. Water at 35 and 85.
Con VI	"	31	"	Sep. 23, 1982	6	4	120	80	"	S	Loam 10; blue limestone 140. Water at 65.
Con VI	"	31	"	Aug. 2, 1984	6	1	140	55	"	S	Loam 10; blue limestone 140. Water at 65.
Con VI	"	32	M. McPerridge	Oct. 2, 1984	6	3	85	58	"	S	Sand 6; blue limestone 85. Water at 80.
Con VI	"	32	J.A. Forman	Aug. 10, 1980	6	5	38	15	"	S	Loam 3; blue limestone 95. Water at 75.
Con VI	"	34	G.E. Doyle	Jun. 1, 1961	6	5	38	15	"	D	Sandy loam 1; broken rock 12; blue limestone 48. Water at 30 and 42.
Con VI	"	34	F. Saunders	Jun. 30, 1982	6	40	15	10	"	D	Fine gravel sand 20; sand 24; blue limestone 46. Water at 42.
Con VI	"	34	D. Watson	May 13, 1984	6	2	36	11	"	D	Topsoil 2; blue limestone 42. Water at 16.
Con VI	"	35	C. Love	Jul. 8, 1983	6	4	40	12	"	D	Topsoil 1; shale limestone 4; blue limestone 45. Water at 37.
Con VI	"	35	L.V. Beasley	Aug. 8, 1983	6	5	53	17	"	D	Topsoil 1; shale limestone 9; blue limestone 58. Water at 37.
Con VI	"	36	J. Draper	Aug. 19, 1980	6	10	75	43	"	D, S	Clay 1; blue limestone 83. Water at 80.
Con VI	"	36	T. North	Jun. 27, 1982	6	4	39	17	"	D	Blue clay 10; blue limestone 42. Water at 38.
Con VII	"	1	F. Traynor	Nov. 2, 1960	6	4	39	17	"	D	Sand 6 1/2; grey limestone 86. Dry hole.
Con VII	"	11	J. Peters	Oct. 14, 1964	6	5	38	4	"	D	Blue clay 11; blue limestone 42. Water from 16 to 38.
Con VII	"	14	F. Lalonde	Jun. 10, 1961	6	3	45 1/2	10	"	D, S	Loam 2; s-selly limestone 12; hard grey limestone 30; soft grey limestone 47. Water at 25.
Con VII	"	5	H.A. Allinson	Mar. 9, 1963	6	< 1 1/2	125	20	"	S	Blue limestone 125. Water at 20 and 25.

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA. - METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
FRONTENAC COUNTY - cont.										
Kingston Twp. - cont.										
Con VII " 7	G. Lee	W.H.Davy & Son	Feb.12,1962	6	2	94	35	Salty	D	Clay shale 8;blue limestone 94. Water at 80.
Con VII " 8	C. Morley	"	Jun.16,1960	6	1	127	25	"	D	Topsoil 3;blue limestone 127. Water at 125.
Con VII " 8	C. Morley	"	Sep.29,1960	6	1	97	35	Fresh	D	Clay 3;blue limestone 130. Dry hole.
Con VII " 8	C. Morley	"	Jul.25,1963	6	1	40	35	"	D	Clay 3;blue limestone 97. Water at 60.
Con VII " 9	R.C.Nicholson	"	Feb. 7,1962	6	20	45	40	"	D	Clay 5;blue limestone 59. Water at 52.
Con VII " 11	O. Brown	C.Goodberry Well Drilling Ltd.	Jul.10,1961	6	20	20	10	"	D	Blue limestone 40. Water at 35.
Con VII " 11	B. Harper	J. Knox	Aug.19,1963	6	6	47	7	"	D	Blue clay 8;blue limestone 55. Water at 50.
Con VII " 13	C.Shillington	L.Campbell	Dec.19,1964	6				"	C	Loam 4;soft grey limestone 7;hard grey limestone 57;soft grey limestone 61;hard grey limestone 100. Dry hole
MSB	Queens University	W.H.Davy & Son	Mar.10,1960	6	5	94	6	"	C	Shale 9;blue limestone 94. Water at 76.
MSB Con II	J.H.Storress	"	Jun.13,1963	6	25	20	24	"	S	Blue clay 28;blue limestone 89. Water at 81.
MSB Con II	J. Graham	J. Knox	Jun.15,1964	6	6	38	12	"	D	Blue clay 15;blue limestone 47. Water from 31 to 43.
MSB Con II	D. Asselstine	R.C.Wales	Aug.31,1964	6	20	25	14	"	D	Clay 16;limestone 38. Water at 32.
MSB Con III lot 3	I. Graham	C.Goodberry Well Drilling Ltd.	Aug. 5,1960	6	10	25	20	"	D	Topsoil 2;clay 17;limestone 57. Water at 54.
WD Con III " 3	W. Vanderburg	J. Knox	Sep.10,1960	6	4	48	20	"	D	Blue clay 17;blue limestone 52. Water at 45.
WD Con III " 3	F. Gard	"	Sep.10,1960	6	4	48	20	"	D	Blue clay 14;blue limestone 48. Water at 38.
WD Con III " 3	R. Rots	"	Sep.29,1960	6	5	36	14	"	D	Blue clay 14;blue limestone 42. Water at 38.
WD Con III " 3	H.S.Steckmeister	"	Nov.24,1960	6	4	40	14	"	D	Blue clay 14;blue limestone 45. Water at 40.
WD Con III " 3	B.Freeman	C.Goodberry Well Drilling Ltd.	Feb.28,1961	6	20	22	18	"	D	Clay 16;blue limestone 43. Water at 30.
WD Con III " 3	L.Johnson	J. Knox	Nov. 7,1961	6	1	58	30	"	D	Topsoil 2;blue limestone 63. Water at 50.
WD Con III " 3	H.Steckmeister	"	Oct.19,1960	6	15	30	22	"	D	Blue clay 16;blue limestone 41. Water at 33.
WD Con III " 3	N. Snyder	"	Oct.21,1960	6	1	50	15	"	D	Blue clay 8;blue limestone 52. Water at 45.
WD Con III " 3	W. Pester	"	Oct.26,1960	6	1	50	12	"	D	Blue clay 8;blue limestone 56. Water at 48.
WD Con III " 3	N. Snyder	"	Apr.23,1962	6	4	40	14	"	D	Blue clay 15;blue limestone 45. Water from 19 to 40.
WD Con III " 3	Westbrook	"	Jul.11,1962	6	1	54	14	"	D	Blue clay 6;blue limestone 56. Water at 38.
WD Con III " 3	United Church	"	Sep. 9,1964	6	10	50	22	"	F	Blue clay 9;blue limestone 62. Water at 55.
WD Con III " 4	C. Fowler	"	Oct.18,1960	6	5	36	22	"	D	Blue clay 20;blue limestone 41. Water at 34.
WD Con III " 5	M. Plape	G.H.Chalk Jr.	Aug.31,1960	6	33	30	15	"	D	Clay 20;limestone 45. Water at 40.
WD Con III " 6	R. Ravesz	W.H.Davy & Son	Dec.31,1963	6	2	65	8	"	D	Shale 13;blue limestone 65. Water at 61.
WD Con III " 8	F. Brawn	R. Wales	Sep. 9,1960	6				"	D	Shale 2;grey limestone 72. Dry hole.
WD Con III " 9	P. Babcock	J. Knox	Sep. 2,1964	6	1	56	18	Salty	D	Shale 4;blue limestone 56. Water at 53.
WD Con IV " 3	S.Schlichting	"	Jul.30,1960	6	4	65	15	Sulphur	D	Shale limestone 1;blue limestone 70. Water at 65.
WD Con IV " 5	Ont.Dept. of Highways	W.H.Davy & Son	Aug.23,1963	6	30	11	4	Gas	C	Loam boulders 22;blue limestone 80. Water at 37, 65 and 80.
WD Con IV " 5	P. Sanchez	"	Aug.30,1963	8	42	11	4	Fresh	C	Loam boulders 21;blue limestone 70. Water at 37 and 62.
WD Con IV " 8	A. Howes	C.Goodberry Well Drilling Ltd.	Oct.10,1962	6	1	62	18	"	D	Shale limestone 3;blue limestone 68. Water at 42.
WD Con IV " 8	V. Howes	"	Nov.20,1964	6	1	140	15	"	D	Broken limestone 3;blue limestone 143. Water at 140.
WD Con IV " 9	Ont.Dept. of Highways	J. Knox	Sep. 5,1962	6	8	70	64	"	D	Blue limestone 85. Water at 80.
WD Con IV " 9	"	"	Oct.20,1962	6	30	90	65	Sulphur	C	Topsoil 2;blue limestone 125. Water at 105.
WD Con IV " 11	"	"	Sep.19,1962	6	25	95	1 1/2	Gas	C	Topsoil 2 1/2;blue limestone 102. Water from 13 to 80.

FRONTENAC COUNTY - cont.  
Kingston Twp. - cont.

WD Con V	lot 12	W. Graham	J. Knox	Nov. 22, 1963	6	5	32	29	Fresh	D	Blue clay 4; blue limestone 43. Water at 40.
WD Con V	lot 13	T. Chapman	"	Dec. 1, 1961	6	1	32	10	"	D	Blue clay 3; blue limestone 33. Water at 28.
WD Con VI	"	A. Krets	"	Dec. 7, 1960	6	5	45	10	"	D	Blue clay 3; blue limestone 55. Dry hole.
WD Con VI	"	"	"	Dec. 8, 1960	6	12	95	12	"	D	Blue clay 3; blue limestone 46. Water at 44.
WD Con VI	"	C. Clark	W.H. Davy & Son	Dec. 1, 1964	6	12	95	8	"	D	Topsoil 8; blue limestone 95. Water at 48.
WD Con VI	"	C. Headley	L. Campbell	Oct. 16, 1964	6	12	55	3	"	D	Fine sand 26; blue limestone 64. Water at 60.
WD Con VI	"	H.K. Gordon	W.H. Davy & Son	Jan. 6, 1960	6	2	58	3	"	S	Loam 13; shelly rock 5; soft limestone 31. Water at 20.
WD Con VI	"	"	"	Jan. 27, 1960	6	1	65	7	Sulphur	S	Topsoil 6; blue limestone 65. Water at 38.
WD Con VI	"	A. Patterson	L. Campbell	Mar. 24, 1960	7						Loam 4; blue limestone 70. Dry hole.
WD Con VI	"	"	"	Nov. 2, 1963	6	1	35 1/2	8	Fresh	D, S	Overburden 6 1/2; shelly limestone 27; hard grey limestone 80; soft white limestone 11 1/2. Water at 20, 51 and 80.
WD Con VI	"	C. Froeman	R.C. Wales	Nov. 10, 1963	6	2	31	10	"	D	Loam 1; hard grey limestone 35 1/2. Water at 30.
WD Con VI	"	R. Martin	L. Campbell	Apr. 10, 1963	6	1	60	1	"	D	Loam 1; hard grey limestone 12; soft grey limestone 25; hard grey limestone 33. Water at 27.
WD Con VII	"	W. VanOrder	W.H. Davy & Son	Apr. 4, 1962	6	1	60	1	"	D	Previously drilled 40; blue limestone 60. Water at 52.
WD Con VII	"	R. Bertram	"	Sep. 7, 1962	6	5	80	34	"	S	Blue limestone 85. Water at 70.
WD Con VII	"	C. Munro	"	Nov. 20, 1961	6	1	72	34	"	S	Clay 4; blue limestone 72. Water at 56.
WD Con VII	"	H. Shannon	J. Knox	Feb. 6, 1961	6	1	42	7	"	D	Topsoil 1; blue limestone 42. Water at 25.
WD Con VII	"	G. Redden	W.H. Davy & Son	Aug. 29, 1960	6	6			"	D	Loam 5; blue limestone 50. Dry hole.
WD Con VII	"	"	"	Aug. 31, 1960	6	3	23	14	Fresh	S	Loam 2; hard grey limestone 95. Dry hole.
WD Con VII	"	"	L. Campbell	Jan. 23, 1961	6	6	32	26	Sulphur	S	Loam 2; hard grey limestone 12; shelly grey limestone 17; hard grey limestone 27. Water at 17.
WD Con VII	"	"	"	Dec. 29, 1962	6	6	29	14	Fresh	D	Loam 2; hard grey limestone 10; soft grey limestone 30; hard grey limestone 62. Water at 60.
WD Con VII	"	C. Shellington	"	Apr. 5, 1961	6	2 1/2	23	20	"	D	Loam 1 1/2; hard grey limestone 18; shelly limestone 32. Water at 20.
WD Con VII	"	B. Peters	"	Oct. 29, 1960	6	1	31	15 1/2	"	S	Loam 4; soft grey limestone 16; hard grey limestone 24 1/2. Water at 16 and 23.
WD Con VII	"	"	"	Mar. 27, 1961	6	1			"	S	Loam 1 1/2; hard grey limestone 15; shelly limestone 33 1/2. Water from 22 to 25.
Loughborough Twp.	lot 3	W. Nichols	C. Goodberry Well Drilling Ltd.	May 23, 1960	6	0	140			N	Topsoil 2; clay 4; grey limestone 22; red granite 240.
Con I	"	J. Miller	W.H. Davy & Son	May 19, 1960	6	0					Clay 1; blue limestone 140. Dry hole.
Con I	"	H. Fellows	L. Campbell	May 19, 1960	6	0					Clay 1; blue limestone 67. Dry hole.
Con II	"	"	"	Mar. 25, 1964	6	3	24		Sulphur	S	Loam 4; soft grey limestone 50; hard grey limestone 60; soft grey limestone 94. Water at 50.
Con II	"	M. Grainger	W.H. Davy & Son	Jul. 29, 1964	6	12	69	40	Fresh	S	Clay 2; blue limestone 69. Water at 63.
Con II	"	C. Wood	C. Goodberry Well Drilling Ltd.	Jul. 13, 1963	6	10	50	28	"	D, S	Loam 2; blue limestone 56. Water at 31.
Con II	"	C. Wilson	"	Aug. 1, 1963	6	10	45	20	"	D	Clay 4; blue limestone 58. Water at 54.
Con II	"	B.E. Spentring	W.H. Davy & Son	Sep. 23, 1963	6	3	130	35	"	D	Soil 3; blue limestone 131. Water at 120.
Con II	"	E. Morehouse	"	Jul. 15, 1964	6	20	50	35	"	D	Topsoil 2; blue limestone 58. Water at 57.
Con II	"	R. McAllister	"	Jul. 27, 1963	6	1	144	75	"	D, S	Spale 8; blue limestone 144. Water at 135.
Con III	"	W. Vanluven	C. Goodberry Well Drilling Ltd.	Oct. 7, 1963	6						Grey limestone 66. Dry hole.
Con III	"	"	L. Campbell	May 23, 1961	6	1 1/2	4 1/2	3	Fresh	D, S	Loam 2; shelly limestone 10; hard grey limestone 20; soft grey limestone 27. Water at 21.

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# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

FRONTENAC COUNTY - cont.

Con	V	lot	W.C.Coupland	J. Knox	Jun. 9, 1964	6	8	85	60	Fresh	D	Topsoil 2; shale limestone 10; blue limestone 103. Water at 90.
Con V	"	5	T. Mayer	"	Nov. 7, 1962	6	5	140	80	"	D	Blue clay 4; blue limestone 147. Water at 145.
Con V	"	7	W. Vanluven	L. Campbell	Nov. 14, 1964	6					D	Loam 4; soft grey limestone 24; hard grey limestone 85; soft grey limestone 137; hard grey limestone 141; granite 143. Dry hole.
Con V	"	8	R. Vanderwall	W.H. Davy & Son	Feb. 4, 1961	6	20	70	70	Fresh	D	Blue limestone 91; red sandstone 100. Water at 92.
Con V	"	9	H. Orser	"	Jan. 12, 1961	6	20	45	25	"	D, S	Blue limestone 105. Water at 100.
Con V	"	11	H. Carhardt	J. Knox	Nov. 4, 1963	6	10	90	40	"	D	Blue clay 2; shale limestone 13; blue limestone 118. Water at 112.
Con V	"	12	D. Spafford	C. Goodberry Well Drilling Ltd.	May 23, 1960	6	1	125	54	"	D	Topsoil 1; loam 2; broken limestone 9; blue limestone 110;
Con V	"	16	J. Blakeslee	"	Jul. 13, 1962	6	15	30	17	"	D	Blue limestone 45½. Water at 39.
Con V	"	17	R. King	W.H. Davy & Son	Aug. 4, 1961	6	24	30	17	"	S	Blue clay 1½; grey granite 50. Water at 46.
Con V	"	18	B. Walsh	"	Jul. 27, 1961	6	12	51	12	"	S	Blue clay 2; red granite 69. Water at 64.
Con V	"	19	Dr. P. Ryan	"	Oct. 12, 1960	6	8	55	13	"	S	Shale 7; black granite 55. Water at 51.
Con V	"	23	R.G. Beck	"	May 16, 1962	6	10	163	34	"	S	Clay shale 10; blue limestone 30; sandstone 75; grey granite 163. Water at 155.
Con VI	"	4	J. Harker	"	Oct. 12, 1960	6	5	100	40	"	D, S	Loam 1½; blue limestone 100. Water at 95.
Con VI	"	5	C. Orser	"	Jan. 31, 1962	6	20	30	18	"	D	Clay shale 16; blue limestone 75. Water at 40.
Con VI	"	5	M. Miller	"	Jul. 9, 1964	6	15	65	24	"	D	Shale 8; blue limestone 75. Water at 27 and 71.
Con VI	"	7	J. Smith	C. Goodberry Well Drilling Ltd.	Jul. 30, 1960	6	10	30	41	"	D	Topsoil 2; sand 35; grey limestone 56. Water at 48.
Con VI	"	7	W. Scott	"	Nov. 8, 1961	6	5	45	20	"	D	Topsoil 1; blue limestone 66. Water at 58.
Con VI	"	7	G. Bottling	J. Knox	Jul. 9, 1964	6	6	46	12	"	D	Sandy soil 7; blue limestone 48. Water at 40.
Con VI	"	8	H. Bottling	C. Goodberry Well Drilling Ltd.	Nov. 21, 1960	6	3	175	62½	"	D, S	Sand 5; grey limestone 150; sandstone 184½. Water at 180.
Con VI	"	8	B.S. Connolly	"	Aug. 13, 1962	6	2	50	19	"	D	Sand 2; blue limestone 55. Water at 31.
Con VI	"	16	B. Rickard	W.H. Davy & Son	Feb. 27, 1961	6	4	119	46	"	S	Shale 19; blue limestone 34; green granite 119. Water at 104.
Con VI	"	21	P. Beach	R.C. Wales	Jun. 10, 1960	6	1	42	19	"	D	Clay sand 11; granite 41. Water at 36.
Con VII	"	1	A. Burgess	W.H. Davy & Son	Jun. 6, 1962	6	4	121	54	"	D	Shale 17; blue limestone 120; white granite 124. Water at 120.
Con VII	"	3	Dodge Bros.	C. Goodberry Well Drilling Ltd.	Jul. 27, 1960	6	12	44	32	"	D	Clay 6; blue limestone 107; red granite 117. Water at 114.
Con VII	"	4	J. Thomas	W.H. Davy & Son	Feb. 27, 1963	6	20	45	28	"	D, S	Shale 16; blue limestone 110; red granite 123; white limestone 138. Water at 131.
Con VII	"	5	B. Snider	"	Dec. 21, 1964	6	5	144	55	"	S	Sand boulders 12; blue limestone 95; sandstone 144. Water at 60 and 140.
Con VII	"	8	G. Bauder	"	Oct. 28, 1960	6				"	D	Blue limestone 110. Dry hole.
Con VII	"	13	Dr. H. Downs	"	Apr. 30, 1964	6	20	12	7	"	D, S	Shale 4; red granite 60. Water at 55.
Con VII	"	14	C. Slack	J. Knox	Dec. 11, 1962	6	5	65	19	"	D	Blue clay 4; fine sand 15; red granite 85. Water at 82.
Con VII	"	15	M. Barr	"	May 25, 1964	6	3	60	10	"	D	Sandy loam 8; red granite 68. Water at 48.
Con VII	"	15	D. Ferguson	"	Jul. 28, 1964	6	6	29	24	"	D	Topsoil 7; red granite 31. Water at 28.
Con VII	"	19	E. Walsh	W.H. Davy & Son	Dec. 5, 1963	6	20	52	12	"	D	Clay 4; red granite 52. Water at 35.
Con VII	"	19	E. Whaley	J. Knox	Sep. 5, 1962	6	2	62	15	"	D	Sandy soil 5; red granite 20. Water at 60.
Con VII	"	21	M. Snyder	"	Dec. 1, 1962	6	5	50	18	"	D	Topsoil 3; blue limestone 62. Water from 20 to 60.
Con VII	"	8	K. MacPherson	W.H. Davy & Son	Mar. 6, 1962	6	1	40	14	"	D	Blue clay 16; red granite 40. Water at 34.
Con IX	"	1	V. Bell	"	Oct. 3, 1964	6	7	95	65	Salty	D, S	Blue limestone 75; black limestone 92; red sandstone 103. Water at 100.
Con IX	"	14	R. Freeman	J. Knox	Jan. 8, 1963	6	8	100	40	Fresh	D, S	Sandy soil 10; gravel sand 40; fine sand 70; red granite 115. Water at 110.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING PUMP- DIA- TING METER	PUMP- TING TEST	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
Loughborough Twp. cont.									
Con IX lot 16	W.N. Ilan	C. Goodberry Well Drilling Ltd.	Sep. 1, 1961	6	2	87	Fresh	D, S	Topsoil 2; sand 22; multi-coloured granite 93. Water at 70.
Con IX	W.N. Ilan	"	Jul. 10, 1961	6	10	60	"	D	Topsoil 7; grey granite 82. Water at 76.
Con IX	E. Stevens	"	Jul. 21, 1961	6	5	50	"	D	Topsoil 1; sand 6; grey granite 90. Water at 85.
Con IX	United Church	J. Knox	Mar. 31, 1964	6	3	37	"	P	Sandstone 5; grey red sandstone mixed 44. Water at 32.
Con IX	"	"	Sep. 24, 1964	6	3	100	"	D	Sandy soil 10; red granite 114. Water at 80.
Con X	W. Barrett	W.H. Davy & Son	Jul. 8, 1963	6	25	42	"	D	Shale 16; green grey sandstone 67. Water at 61.
Con X	W. Haska	"	Jul. 8, 1960	6	20	50	"	D	Red sand 1; white limestone 103. Dry hole.
Con X	B. Lees	"	Apr. 8, 1963	6	20	50	"	D	Shale 14; white limestone 50. Water at 47.
Con X	H. Stevenson	"	Mar. 20, 1964	6	20	100	"	D	Topsoil 3; shale white limestone 5; white limestone granite 100. Water at 12.
Con X	J. Fersy	J. Knox	Oct. 29, 1962	6	15	24	"	S	Shale 22; sandstone 69. Water at 63.
Con XI	W. Vanburen	C. Goodberry Well Drilling Ltd.	Aug. 1, 1962	6	12	56	"	D	Sand fired granite 58; black granite 60. Water at 50 and 56.
Con XI	A.S. Thompson	"	May 2, 1961	6	3	58	"	D	Red sandstone 7; red granite 52; red granite sandstone 61. Water at 52.
Con XI	K. Keller	"	Jun. 23, 1961	6	16	95	"	D	Shale 3; red granite 95. Water at 89.
Con XII	P. Mason	C. Goodberry Well Drilling Ltd.	May 9, 1961	6	20	60	"	C	Topsoil 1; sand 6; red granite 50; grey granite 78. Water at 50 and 70.
Con XII	W.H. Norman	"	Jan. 13, 1963	6	80	43 1/2	"	P	Clay sand 5; blue granite 43 1/2. Water at 39.
Con XIII	Kingston Dist. Council Boy Scouts of Can.	S.C. Wales	Sep. 12, 1961	6	6	50	"	D	Black shale 17; black granite 26; red granite 50. Water at 46.
Con XIV	C. Ariotta	W.H. Davy & Son	Jun. 24, 1963	6	7	150	"	D	White limestone 95; black rock 106; green rock 108; white rock 138; black grey limestone 261. Water at 105, 159 and 210.
Con XIV	G. Fuller	C. Goodberry Well Drilling Ltd.	Dec. 22, 1964	6	10	50	"	D	Topsoil 1; sand 3; granite 88. Water at 80.
Con XIV	W.H. Norman	"	Feb. 20, 1962	6	25	35	"	D	Sand 16; grey sandstone 45; grey granite 62. Water at 45.
Miller Twp.									
Con I lot 20	S. Hertendy	V.H. Marquardt	Sep. 26, 1960	5	3	63	Fresh	D, S	Brown soil 8; grey granite 75. Water at 50 and 74.
Olden Twp.									
Con I lot 2	D. Hartick	W.H. Davy & Son	Aug. 7, 1964	6	5	56	Fresh	D	Granite 56. Water at 45.
Con I	J. Price	"	Jan. 12, 1961	6	15	40	"	D, S	Red Hill sand 4; white limestone 52; white limestone flint 94. Water at 90.
Con I	K.S. Kelsey	C. Goodberry Well Drilling Ltd.	Jul. 23, 1960	6	1	98	"	P	Drilled well 53; hard white limestone 100. Water at 60.
Con II	P. Fox	Eastern Ont. Diamond Drilling Co.	Aug. 8, 1960	2	5	25	"	D	Sand 2; white limestone 46. Water at 42.
Con II	A. Drew	"	Aug. 15, 1960	2	6	10	"	D	Fine sand 4 1/2; coarse gravel 65. Water at 60.
Con II	G. McDonald	"	Aug. 24, 1960	2	6	20	"	D	Existing old well 12; fine sand 95; coarse gravel 97. Water at 96.
Con II	P.J. Gray	W.H. Davy & Son	Jul. 19, 1963	6	15	20	"	D	Sand 24; gravel 29. Water at 29.



EDUCATION BOARD

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# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
FERNETIC COUNTY - cont.										
Oso Twp. - cont.										
Con I lot 13	B. Wang	Eastern Ont. Diamond Drilling	Sep. 21, 1963	2	2	70	34	Fresh	D	Previously drilled well 91; white limestone 161. Water at 142.
Con I "	T. Asselstine	C. Goodberry Well Drilling Ltd.	Oct. 12, 1963	6	20	40	22	"	D	Sand 2 1/2; white limestone 7 1/2. Water at 67.
Con I "	L. Deroche	Eastern Ont. Diamond Drilling	Oct. 3, 1964	2	2	60	34	"	D	Sand 4; white limestone 100. Water at 94.
Con II "	J.E. Warren	"	May 21, 1962	2	6	25	11	"	D	Gravel 8; limestone 34. Water at 30.
Con II "	A. Larnon	"	Jun. 1, 1961	2	3	22	14	"	D	Pine sand 4; white limestone 57. Water at 50.
Con II "	J. Dixon	"	Oct. 19, 1961	2	1 1/2	22	16	"	D	Previously drilled well 37; limestone 54. Water at 49.
Con II "	J. Warren	"	Aug. 8, 1960	2	1 1/2	60	30	"	D	Sand 2; white limestone 95 1/2. Water at 90.
Con II "	S.E. Mika	W.H. Davy & Son	Nov. 19, 1962	6	20	50	18	"	D	Shale 19; white limestone 66. Water at 62.
Con II "	T. Gordon	Eastern Ont. Diamond Drilling	Mar. 25, 1963	2	25	25	9	"	D	Sand 3; dark grey limestone 56. Water at 44.
Con II "	A. St. Pierre	C. Goodberry Well Drilling Ltd.	Nov. 16, 1963	6	1 1/2	100	6	"	D	Sand 3; blue white granite 104. Water at 90.
Con II "	Brewer's Warehousing	"	Sep. 28, 1961	6	10	30	12	"	C	White limestone 41. Water at 35.
Con II "	E. Bowles	Eastern Ont. Diamond Drilling	Sep. 30, 1960	2	1 1/2	78	50	"	D	Coarse sand 18; red granite 81. Water at 78.
Con II "	M. Welch	"	May 17, 1960	2	2	35	9	"	D	Sand 6; red granite 40. Water at 37.
Con III "	M. When	"	May 3, 1962	2	2	26	8	"	D	Sand 3; limestone 30. Water at 38.
Con III "	M. Sproule	"	Jul. 8, 1960	2	1 1/2	25	8	"	D	Clay 1; limestone 30. Quartzite 63. Water at 58.
Con III "	E. Cox	"	Aug. 26, 1964	2	4	25	22	"	D	Sand 2; dark grey limestone 160. Water at 137.
Con IV "	H. Holloway	"	Aug. 18, 1962	2	3	50	18	"	D	Red granite 172. Water at 166.
Con IV "	S.A. McKendry	W.H. Davy & Son	Dec. 2, 1964	6	25	56	23	"	D	Shale 20; white limestone 116. Water at 113.
Con IV "	M. Timmerman	C. Goodberry Well Drilling Ltd.	May 11, 1962	6	10	20	12	"	D	Sand 12; white limestone 37. Water at 35.
Con V "	S. Reynolds	"	Jun. 16, 1960	6	10	30	14	"	D	Loam 10; white limestone 40. Water at 34.
Con V "	S. Morey	W.H. Davy & Son	Jun. 15, 1960	6	10	53	14	"	D	Sand 16; white limestone 53. Water at 42.
Con V "	O. Cordier	"	Mar. 3, 1962	6	2	133	28	"	D	Shale 19; white limestone black granite 104; grey granite 133. Water at 119.
Palmerston Twp.										
Con I lot 20	G. Duchesne	Eastern Ont. Diamond Drilling	Nov. 17, 1964	2	3	60	26	Fresh	D	Previously drilled well 82; white limestone 157. Water at 149.
Con I "	K. Shanks	"	Jun. 26, 1964	2	1	25	9	"	D	Existing well 10; dark grey limestone 40. Water at 32.
Con II "	A. Watkins	"	Apr. 14, 1961	2	4	25	5	"	D	Coarse sand 2; white limestone 37. Water at 31.
Con II "	C. McChurdy	"	Apr. 11, 1961	2	5	20	4	"	D	Sand 3; dark grey limestone 45. Water at 41.
Con II "	Trout Lake Hotel	"	May 1, 1961	2	1	25	8	"	P	Sand 3; hard grey limestone 45. Water at 42.
Con III "	W.V. Nugent	"	Feb. 28, 1961	6	1 1/2	125	14	"	D	Sandy loam 2; hard black granite 125. Water at 61.
Con III "	J.R. Cameron	"	Apr. 19, 1962	6	1	60	21	"	P	Granite 80. Water at 80.
Con III "	W. Cameron	C. Goodberry Well Drilling Ltd.	Jun. 28, 1962	6	5	63	12	"	D	Sand 6; grey granite 73. Water at 68.
Con III "	M. Watson	Eastern Ont. Diamond Drilling	Sep. 21, 1963	2	1 1/2	25	11	"	D	Sand 4; hard grey limestone 76. Water at 71.
Con III "	G. Sproule	"	Sep. 22, 1963	2	2	60	18	"	D	Previously drilled well 72; hard grey limestone 116. Water at 102.
Con III "	W.E. Thomas	W.V. Nugent	Oct. 14, 1964	6	1	47	25	"	D	Sandy loam 6; granite 50. Water at 47.





# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

DATE	LOCATION	DRILLER	COMPLETION	CASING PUMP-		PUMP- ING	STA- ING	STATIC WATER	KIND OF WATER	USE OF	Log and Remarks
				DIA.	ING						
Dec. 7, 1960	lot 21	C. Goodberry Well Drilling Ltd.	Dec. 7, 1960	6	3	101	30	Fresh	D		Sand 4; grey limestone 107. Water at 102.
Jul. 4, 1962	"	C. Lilly	Jul. 4, 1962	6	15	65	60	"	D		Water at 70 and 76.
Aug. 22, 1962	"	C. Bass	Aug. 22, 1962	6	2	120	70	"	D		Water at 100 and 120.
Nov. 1, 1960	"	W.H. Davy & Son	Nov. 1, 1960	6	15	51	43	Sulphur	D		Water at 83.
Aug. 17, 1960	"	Det. Northey	Aug. 17, 1960	4	3	35	26	Fresh	P		Old drilled well 47; red granite 72. Water at 72.
Mar. 17, 1962	A	J. Knox	Mar. 17, 1962	6	2 1/2	47	18	Fresh	D		Topsoil 2; blue limestone 50. Water at 39.
Apr. 26, 1961	A	W.H. Davy & Son	Apr. 26, 1961	6	10	90	40	"	D		Loam 2; blue limestone 90. Water at 85.
Mar. 24, 1960	B	"	Mar. 24, 1960	6	30	28	19	"	D		Shale 4; blue limestone 65. Water at 60.
Sep. 2, 1960	B	Nursery	Sep. 2, 1960	6	20	30	25	"	D		Topsoil 1; broken rock 4. Water at 50.
Feb. 14, 1961	B	E. Smiler	Feb. 14, 1961	6	4	44	24	"	D		Shale 9; blue limestone 86. Water at 40 and 80.
Jun. 1, 1964	E	W.H. Davy & Son	Jun. 1, 1964	6	45	18	16	"	P		
Nov. 20, 1964	B	"	Nov. 20, 1964	6	5	48	18	"	D		Loam 2; blue limestone 53. Water at 46.
May 31, 1960	B	E. Fry	May 31, 1960	6	30	11	12	"	D		Clay 14; blue limestone 46. Water at 40.
Jul. 30, 1960	C	"	Jul. 30, 1960	6	10	20	16	"	D		Clay 15; limestone 45. Water at 25.
Aug. 30, 1960	C	"	Aug. 30, 1960	6	10	25	30	"	D		Shale 12; limestone 55. Water at 53.
Sep. 30, 1960	C	"	Sep. 30, 1960	6	5	35	10	"	D		Sand 4; grey limestone 45. Water at 18.
Feb. 10, 1961	C	C. Goodberry well Drilling Ltd.	Feb. 10, 1961	6	8	34	19	Sulphur	D		at 42 and 49.
Feb. 21, 1961	C	"	Feb. 21, 1961	6	20	25	19	"	D		Sand 3; blue limestone 73. Water at 70.
May 5, 1961	C	J. Knox	May 5, 1961	6	4	40	12	Fresh	D		40.
May 15, 1961	C	C. Goodberry Well Drilling Ltd.	May 15, 1961	6	20	20	16	"	D		Blue clay 3; blue limestone 38 1/2. Water at 32.
Jun. 15, 1961	C	J. Knox	Jun. 15, 1961	6	2	36	17	"	D		Sandy soil 2; blue limestone 43. Water at 40.
Jun. 17, 1961	C	"	Jun. 17, 1961	6	3	36	15	"	D		Sandy soil 1; blue limestone 42. Water at 39.
Oct. 16, 1961	C	Leduc Brothers	Oct. 16, 1961	6	4	36	10	"	D		Blue clay 15; blue limestone 44. Water at 42.
Jan. 23, 1962	C	W.H. Davy & Son	Jan. 23, 1962	6	20	25	23	"	D		Clay 4; blue limestone 60. Water at 45.
Jan. 25, 1962	C	"	Jan. 25, 1962	6	3	55	18	"	D		Clay 4; blue limestone 60. Water at 45.
Mar. 1, 1962	C	C. Goodberry well Drilling Ltd.	Mar. 1, 1962	6	10	40	22	"	D		Topsoil 1; broken rock 8; blue limestone 53. Water at 40 and 48.
Jun. 13, 1962	C	W.H. Davy & Son	Jun. 13, 1962	6	3	60	25	"	D		Shale 1; blue limestone 60. Water at 48.
Aug. 23, 1962	C	"	Aug. 23, 1962	6	3	60	20	Sulphur	D		Blue limestone 60. Water at 45.
Dec. 18, 1962	C	J. Knox	Dec. 18, 1962	6	5	50	23	Fresh	D		Topsoil 2; shale limestone 14; blue limestone 65. Water at 55.
Jul. 3, 1963	C	H. Hets	Jul. 3, 1963	6	3	32	12	"	D		Blue clay 14; blue limestone 35. Water at 31.
Oct. 17, 1963	C	W.H. Davy & Son	Oct. 17, 1963	6	3	98	29	Sulphur	D		Blue limestone 98. Water at 95.
May 20, 1964	C	L. Walters	May 20, 1964	6	7	123	34	Fresh	D		Clay 3; shale 21; grey granite 123. Water at 119.
Aug. 18, 1964	C	J. Hagon	Aug. 18, 1964	6	10	60	32	"	D		Clay 4; blue limestone 73. Water at 63.
Dec. 3, 1964	C	F.K. Ardene	Dec. 3, 1964	6	15	30	16	"	D		Blue clay 26; grey granite 55. Water at 50.
Sep. 17, 1960	D	J. Knox	Sep. 17, 1960	6	20	72	55	"	D		Drilled well 58; red granite 92. Water at 85.
Nov. 16, 1961	D	W.H. Davy & Son	Nov. 16, 1961	6	5	115	45	"	D		Clay 10; white granite 115. Water at 85.

FRONTENAC COUNTY -cont.

FRONTENAC COUNTY - cont.												
Pittsburg Twp. - cont.												
Con I	lot											
Con I	D	R.M. McKnight	J. Knox	Dec. 12, 1962	6	1½	65	14	Fresh	D	Blue clay 3; blue limestone 73. Water at 40 and 70.	
Con I	D	Eaton Constr.	W.H. Davy & Son	May 13, 1963	6	15	80	40	"	D	Clay 2; white granite 115. Water at 100.	
Con I	D	R.C. School	"	Sep. 3, 1963	6	20	80	40	"	P	Shale 20; blue limestone 115. Water at 100.	
Con I	D	C. McKnight	J. Knox	Jul. 30, 1964	6	2	65	15	"	D	Blue clay 4; blue limestone 70. Water at 49.	
Con I	E	F. Wayne	W.H. Davy & Son	Oct. 27, 1960	6	3	66	46	"	D	Grey granite 66. Water at 59.	
Con I	E	H. Manuel	C. Goodberry Well Drilling Ltd.	Jan. 11, 1961	6	25	35	19	"	D	Broken rock 6; blue limestone 110. Water at 109.	
Con I	E	M. Watson	J. Knox	Feb. 3, 1961	6	10	65	25	"	D	Blue clay 19; blue limestone 79. Water at 75.	
Con I	E	A.H. Crawford	"	Oct. 26, 1962	6	3	70	5	"	D	Blue clay 16; blue limestone 59. Water at 50.	
Con I	1	D. McAdoo	"	Sep. 23, 1960	6	5	70	40	Sulphur	D	Topsoil 2; blue limestone 77. Water at 73.	
Con I	1	S.S. # 3	C. Goodberry Well Drilling Ltd.	Sep. 26, 1960	6	10	45	42	Fresh	P	Grey hard limestone 15; red granite 72. Water at 69.	
Con I	1	J. Solinka	W.H. Davy & Son	Sep. 1, 1961	6	20	60	56	"	D	Original well 46; limestone 66; white granite 76. Water at 70.	
Con I	1	A. Tryon	"	Mar. 18, 1964	6	8	25	12	"	D	Clay 4; blue limestone 40. Water at 33.	
Con I	1	M. Parrott	E.C. Wales	Mar. 19, 1964	6	20	20	6	"	P	Clay 3½; grey limestone 56. Water at 32.	
Con I	1	A. Badour	W.H. Davy & Son	Mar. 20, 1964	6	8	40	9	"	D	Clay 4; blue limestone 40. Water at 30.	
Con I	3	A. Orr	C. Goodberry Well Drilling Ltd.	Mar. 16, 1961	6	2	35½	35½	Sulphur	N	Clay boulders 1; blue limestone 77. Water at 77.	
Con I	5	J. Orwell	J. Knox	Jun. 14, 1962	6	3	82	47	Fresh	D	Shale limestone 9; blue limestone 92. Water at 80.	
Con I	5	W. Robertson	C. Goodberry Well Drilling Ltd.	Mar. 27, 1964	6	7½	130	73	"	D	Clay 2; broken limestone 10; blue limestone 85; white sandstone 145. Water at 93, 108, and 142.	
Con I	5	Bethwell & Perrin	C.W. Jones	Apr. 9, 1964	6	7	70	60	"	D	Sandy soil 1; shale limestone 7; solid limestone 80; crystallized sandstone 133. Water at 130.	
Con I	6	G. Richardson	W.H. Davy & Son	Jun. 1, 1960	6	20	70	65	"	D	Clay 2; granite 117. Water at 105.	
Con I	6	J. Gauthier	J. Knox	Apr. 20, 1961	6	3	50	35	"	D	Topsoil 1; blue limestone 56; red granite 57. Water at 53.	
Con I	6	R. MacDougall	W.H. Davy & Son	Aug. 2, 1963	6	20	21	33	"	D	Shale 17; blue limestone 56; red granite 61. Water at 57.	
Con I	6	C. Robbs	"	Oct. 23, 1964	6	8	70	34	"	D	Loam 2; shale 20; blue limestone 79. Water at 75.	
Con I	7	J. Earl	"	Jun. 11, 1960	6	10	55	34	"	D	Soil 2; blue limestone 50; red granite 55. Water at 50.	
Con I	7	C. Stevenson	"	Jun. 13, 1960	6	16	25	37	"	D	Soil 2; blue limestone 50; red granite 57. Water at 54.	
Con I	7	R. Murray	"	Jul. 11, 1960	6	8	32	40	"	D	Soil 2; blue limestone 50; red granite 55. Water at 50.	
Con I	7	D. Lalonde	C. Goodberry Well Drilling Ltd.	Sep. 26, 1961	6	10	28	10	"	D	Topsoil 1; clay 11; granite 48. Water at 45.	
Con I	7	F. Brown	"	Jun. 29, 1962	6	15	40	13	"	D	Fill 1; blue limestone 66. Water at 55 and 59.	
Con I	8	M. Franke	W.H. Davy & Son	Aug. 2, 1961	6	3	67	14	"	D	Red grey granite 67. Water at 35.	
Con I	8	K. Brisbane	C. Goodberry Well Drilling Ltd.	Aug. 22, 1961	6	20	15	10	"	C	Topsoil 1; clay boulders 25; red granite 46½. Water at 42.	
Con I	8	A. Spearing	"	Nov. 6, 1964	6	15	50	20	"	D, S	Topsoil 1½; blue limestone 67½. Water at 60.	
Con I	9	C. Jackson	W.H. Davy & Son	Jan. 18, 1960	6	15	40	31	"	D	Shale 28; grey granite 55. Water at 50.	
Con I	9	M. Leadbeater	J. Knox	Oct. 24, 1960	6	20	20	3	"	D	Blue clay 17; black granite 41. Water at 38.	
Con I	9	H. Percock	"	Nov. 2, 1960	6	5	55	25	"	D	Blue clay 16; black granite 72. Water at 70.	
Con I	9	J. Gollisly	"	Nov. 17, 1962	6	3	49	8	"	D	Topsoil 6; grey granite 48; black granite 54. Water 20 to 49.	
Con I	9	J. Ferguson	C. Goodberry Well Drilling Ltd.	May 8, 1963	6	10	30	8	"	D	Clay 3; broken rock 8; sandstone 51; red granite 93. Water at 40 and 89.	
Con I	10	W.H. Greene	G.H. Chalk Jr.	Feb. 1, 1960	6	3	49	6	"	D	Sand 4; red grey granite 49. Water at 46.	
Con I	10	Constr. Co.	"	"	6	60	5	Flows	"	P	Clay 15; red granite 37. Water at 35.	
Con I	10	Glen Lawrence Golf Club	W.H. Davy & Son	May 17, 1962	8	60	5	Flows	"	P	Previously drilled well 68; multi coloured granite 97. Water at 70 and 80.	
Con I	10	Dr. E.A. James	C. Goodberry Well Drilling Ltd.	Apr. 14, 1962	6	11	50	30	"	D		

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of appendix C.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
Pittsburgh Twp. - cont. Loc 10	L.G. Rice	C. Goodberry Well Drilling Ltd.	Nov. 28, 1964	6	5	143	35	Green	D	Clay 8; granite 203. Water at 60 and 194.
Con I	W.S. Simpson	"	Nov. 2, 1961	6	8	70	20	"	D	Tecsoil 2; blue limestone 112; red granite 126. Water at 116.
Con I	"	"	Oct. 10, 1961	6	8	143	20	"	D	Topsoil 1; blue limestone 12; red granite 167. Water at 124 and 160.
Con I	"	"	Oct. 17, 1961	6	31	80	42	"	D	Clay 2; limestone 78; granite 80. Water at 73.
Con I	N. MacDonald	"	Oct. 26, 1964	6	21	77	17	"	D	Clay 2; limestone 67; sandstone 75. Water at 47.
Con II	Perrin Lumber Co.	W.E. Davy & Son	Apr. 7, 1961	6	30	55	15	"	D	Loam 1; blue limestone 70. Water at 63.
Con II	"	"	Jul. 12, 1964	6	20	118	8	"	D	Clay shale 4; grey limestone 59. Water at 45.
Con II	D. Gordon	D. Davy & Son	May 12, 1961	6	17	10	23	"	D	Blue limestone 66. Water at 33.
Con II	M. Dunn	W.H. Davy & Son	Aug. 16, 1961	6	17	10	23	"	D	Shale 9; blue limestone 71. Water at 68.
Con II	"	T. Knox	Oct. 1, 1960	6	30	55	15	"	D	Sandy clay 2; blue limestone 48. Water at 38.
Con II	L.L. Martin	C. Goodberry Well Drilling	Oct. 1, 1960	6	30	55	15	"	D	Drilled well 47; grey limestone 81; red granite 101. Water at 65.
Con II	"	"	Sep. 1, 1963	6	11	102	50	"	Th	Clay broken rock 8; blue limestone 105. Water at 60.
Con II	"	Stone & Stone	Jul. 17, 1964	6	3	60	30	"	D	Loam shale 3; sandstone 1; grey limestone 20; red sandstone 80. Water at 40.
Con II	I. Corressini	W.H. Davy & Son	Nov. 17, 1964	6	5	150	90	"	S	Tecsoil 3; blue limestone 114; grey granite 126; white sandstone 136. Water at 110.
Con II	"	"	Dec. 7, 1964	6	1	138	34	"	D	Loam 4; blue limestone 136. Water at 90 and 128.
Con II	M. Carrath	"	Nov. 1, 1964	6	10	100	30	"	D	Loam shale 10; blue limestone 85. Water at 40 and 80.
Con II	P. Haddock	"	Aug. 6, 1963	6	8	100	50	"	D	Clay 7; blue limestone 120. Water at 118.
Con II	L. Knox	C. Goodberry Well Drilling Ltd.	Jul. 24, 1964	6	21	84	35	"	S	Clay 24; limestone 80; granite 84. Water at 37.
Con II	H. Wilson	"	Mar. 2, 1964	6	5	22	23	"	D	Clay 35; white sandstone 82. Water at 75.
Con II	A. J. Jones	W.H. Davy & Son	Mar. 2, 1964	6	5	22	23	"	D	Clay 36; boulders 37; white sandstone 80; pink sandstone 85.
Con II	W.M.F. Stevens	C. Goodberry Well Drilling Ltd.	Jun. 22, 1961	6	10	85	13	"	D	Water at 58, 65 and 80.
Con II	B. Pearson	Stone & Stone	Sep. 17, 1963	6	14	25	20	"	D	Clay 20; sand 22; shale 23; sandstone 26; granite 30. Water at 30.
Con II	"	"	Nov. 5, 1963	6	1	32	8	"	D	Clay 16; sandstone 32. Water at 22.
Con II	J. McCarthey	J. Knox	Sep. 16, 1964	6	5	42	22	"	D	Blue clay 25; grey granite 49. Water from 29 to 46.
Con II	B. Brown	"	Jun. 12, 1964	6	10	30	24	"	D	Clay 12; blue clay 30; granite sandstone 75. Water at 70.
Con II	Conr.	"	Nov. 15, 1962	6	10	50	20	"	D	Clay 10; sand 24; multi-coloured rock 90. Water at 60 and 88.
Con II	J. Wilson	C. Goodberry Well Drilling Ltd.	Sep. 12, 1964	6	5	95	18	"	D	Blue clay 7; red granite 90. Water from 36 to 85.
Con II	H. Brown	"	Nov. 1, 1961	6	2	53	12	"	D	Blue clay 10; red black granite mixed 50; red granite 57. Water at 51.
Con II	N. Snyder	J. Knox	Nov. 20, 1962	6	2	100	15	"	D	Clay 10; granite 104. Water at 60 and 96.
Con II	"	C. Goodberry Well Drilling Ltd.	Nov. 22, 1962	6	3	57	30	"	D	Blue clay 8; red granite 60. Water from 28 to 55.
Con II	N. Snyder	J. Knox	Jul. 13, 1963	6	8	53	30	"	D	Sandy soil 13; red granite 63. Water at 60.
Con II	V. McAvany	"	May 24, 1963	6	6	95	17	"	D	Shale 19; red granite 36; grey granite 95. Water at 77.
Con II	T. Topliss	W.H. Davy & Son	May 22, 1964	6	20	12	10	"	D	Clay 31; sandstone 75. Water at 65.
Con II	Stokes Florist	"	Jun. 29, 1960	6	20	25	25	"	D	Sand stones 5; sandstone 45. Water at 25.
Con II	F. Nimetz	C. Goodberry Well Drilling Ltd.	Oct. 15, 1963	6	30	80	23	"	P	Shale 24; white granite 120. Water at 108.



FRONT COUNTY - cont

[illegible]

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-ING METER	PUMP-ING TEST	PUMP-LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
Pittsburgh Twp.-cont. Con III, lot 34 S.S.# 5 Con III " 34 Con III " 38	E.Benstead S.S.# 5 C.Barridge	W.H.Davy & Son " " C.Goodberry Well Drilling Ltd. W.H.Davy & Son	Oct. 4, 1962 Mar. 12, 1963 Aug. 12, 1962	6 6 6	15 20 1 1/2	10 21 45	17 22 1/2 22 1/2	Fresh " " "	D P D P	Blue clay 12; shale 19; sandstone 62. Water at 60. Shale 19; sandstone 79. Water at 74. Clay 6; grey granite 48 1/2. Water at 26. Blue clay 31; sand 54; red granite 98. Water at 91.
Con III " 41	Kingston Mills School	W.H.Davy & Son	May 31, 1963	6	20	28	15	"	P	Blue clay 31; sand 54; red granite 98. Water at 91.
Con IV " 1	E. Swain	R.C. Wales	Jan. 30, 1964	6	20	30	15	"	D	Clay 10; sand 24; sandstone 48. Water at 45.
Con IV " 1	R. Wall	"	May 12, 1964	6	30	18	8	"	D	Clay sand 8; granite 49 1/2. Water at 44.
Con IV " 3	C. Proats	L. Campbell	Nov. 28, 1964	6	5	15	1	"	D	Loam; hard limestone 2; sandstone 20. Water at 17.
Con IV " 3	A. McCoy	"	May 27, 1961	6	5	30	1	"	D	Sandy soil 9; black granite 35. Water at 32.
Con IV " 6	C. Laysh	C.W. Mes	Jan. 31, 1964	6	5	12	12	"	D	Clay 18; granite 35; black granite 48. Water at 45.
Con IV " 7	B.J. Webb	C.Goodberry Well Drilling Ltd.	Aug. 12, 1960	6	20	10	10	"	D	Bedders clay 19; red granite 28. Water at 23.
Con IV " 7	C. Johnston	J. Knox	Jun. 23, 1961	6	4	36	18	"	D	Blue clay 22; black granite 39. Water at 37.
Con IV " 12	C. Mundell	"	Jul. 26, 1961	6	5	58	48	"	D	Sandy soil 4; blue limestone 67. Water at 50.
Con IV " 12	N. Hime	"	Apr. 18, 1962	6	5	55	20	"	D	Topsoil 3 1/2; blue limestone 62. Water at 48.
Con IV " 15	M. Greenlees	W.H.Davy & Son	Jun. 21, 1960	6	20	27	22	"	D	Gravel boulders 24; sort blue limestone 51. Water at 45.
Con IV " 18	"	"	Apr. 11, 1961	6	12	18	12	"	D	Blue clay 17; sandstone 35; black granite 51. Water at 48.
Con IV " 19	A.J. Smith	"	Apr. 28, 1961	6	30	25	7	"	D	Topsoil 2; clay 23; grey granite 55; red granite 62. Water at 52 and 58.
Con IV " 20	N. Morrison	C.Goodberry Well Drilling Ltd.	Mar. 8, 1963	6	8	54	12	"	D	Clay 12; black granite 54. Water from 24 to 50.
Con IV " 24	C. McAllister	W.H.Davy & Son	Oct. 9, 1962	6	10	15	11	"	D	Blue clay 16; black granite 44. Water at 39.
Con IV " 24	E. Serson	J. Knox	Mar. 15, 1963	6	6	48	8	"	D	Blue clay 6; grey granite 41; red granite 51. Water at 42.
Con IV " 25	L. Sleet	"	May 28, 1962	6	5	32	7	"	D	Blue clay 16; grey granite 42. Water at 38.
Con V " 8	Buckee Bros.	W.H.Davy & Son	May 4, 1964	6	20	60	20	"	S	Sandstone 89. Water at 65.
Con V " 13	Pipe Lines Trans-Canada	C.Goodberry Well Drilling Ltd.	Aug. 11, 1964	6	10	58	44	"	D	Topsoil 1; blue clay 25; blue limestone 70; granite 103 1/2. Water at 70 and 99.
Con V " 13	T. Mayer	J. Knox	Aug. 26, 1964	6	2	95	50	"	D	Blue clay 6; blue limestone 49; black granite 96. Water at 55.
Con V " 13	H. Bell	C.Goodberry Well Drilling Ltd.	Dec. 8, 1964	6	1 1/2	80	45	"	D	Topsoil 1; blue limestone 56; sandstone 91 1/2. Water at 85.
Con V " 14	G. Mundell	W.H.Davy & Son	Jul. 12, 1962	6	30	35	30	"	D	Topsoil 4; blue limestone 67. Water at 65.
Con V " 14	C. Heallton	C.W. Jones	Sep. 5, 1963	6	10	20	20	"	D	Clay 1; limestone 50; sandstone 72. Water at 69.
Con V " 15	Joyceville Institution	C.Goodberry Well Drilling Ltd.	Jan. 28, 1960	6	13	52	48	"	S	Limestone 97; granite 164. Water at 110 and 135.
Con V " 15	"	"	Jan. 29, 1960	6	13	65	60	"	D	Limestone 105; granite 121. Water at 105.
Con V " 15	Federal Gov't Dept. Justice	E. Phillips Drilling Co. Ltd.	Nov. 28, 1961	8	1 1/2	201	5	"	In	Fill loose stones clay 16; red sandstone 38; white green hard sandstone 95; light grey soft sandstone 115; dark grey hard sandstone 153; dark green hard granite 201. Water at 38.
Con V " 15	Joyceville Institution	C.Goodberry Well Drilling Ltd.	Feb. 7, 1962	6	37	56	40	"	P	Topsoil 1; clay 2; broken rock 14; blue limestone 122; granite 144; sandstone 147; multi-coloured granite 164 1/2. Water at 62, 83, 100, 122 and 145.
Con V " 15	"	"	Jun. 13, 1963	8	75	90	58	"	P	Topsoil 1; limestone 60; sandstone 90; granite 120.
Con V " 16	"	E. Phillips Drilling Co. Ltd.	Nov. 28, 1961	8	1 1/2	201	5	"	In	Rough fill loose stones clay 16; red sandstone 38; white green hard sandstone 95; light grey soft sandstone 115; dark grey hard sandstone 133; dark green hard granite 201. Water at 38.
Con V " 17	M. Daly	W.H.Davy & Son	Aug. 25, 1964	6	15	35	32	"	D	Clay 11; blue limestone 30; sandstone 60; granite 73. Water at 70.

FRONTENAC COUNTY -cont.

Con V	H. Fortyn	J. Knox Eastern Ont. Diamond Drilling	Oct. 1, 1963	6	15	6	37	Fresh	D	Topsoil 2; red sandstone 45. Water at 40.
lot 18	J. Kirkland		Jul. 22, 1964	2	7	25	12	"	D	Sandy loam 6; hard grey sandstone 41. Water at 38.
" 18	"	J. Knox	Oct. 16, 1964	6	10	42	18	"	D	Blue clay 11; red sandstone 53. Water at 48.
" 18	Rothwell- Perrin		Nov. 28, 1964	6	30	13	13	"	D	Topsoil 2; clay 20; sandstone 60. Water at 56.
" 18	S. Wegas	C. Goodberry Well Drilling Ltd.	Oct. 25, 1960	6	15	26	21	"	D	Blue clay 4; shale 17; sandstone granite 46. Water at 42.
" 19	T. McGarey	W.H. Davy & Son	Oct. 10, 1963	6	20	25	20	"	D	Clay 6; red granite 50. Water at 30.
" 23	G.B. Moon	J. Knox	Apr. 3, 1962	6	5	40	5	"	D	Blue clay 10; fine sand 21; black granite 45. Water at 42.
" 24	N.J. Pollitt	"	Apr. 9, 1962	6	4	42	8	"	D	Blue clay 14; fine sand 23; gravel 25; black granite 47. Water at 43.
" 25	"	"	Sep. 26, 1960	6	15	10	8	"	D	Blue clay 5; black granite 23. Water at 20.
" 25	H. Allen	"	Feb. 10, 1961	6	3	20	4	"	D	Topsoil 6; grey granite 35. Water at 30.
" 33	T. Worland	W.H. Davy & Son	Nov. 29, 1962	6	-	31	12	"	D	Topsoil 6; grey granite 67. Water from 42 to 58.
" 34	C. Thomson	"	Jun. 22, 1961	6	20	29	18	"	D	Clay 9; red granite 57. Water at 50.
" 36	M.C. Pierce	"	Jun. 18, 1961	6	10	23	5	"	D	Clay shale 12; red granite 45. Water at 25.
" 37	J.C. Payne	"	Jan. 28, 1961	6	20	35	14	"	S	Clay 2; red granite 57. Water at 40.
" 19	G. Dance	C. Goodberry Well Drilling Ltd.	Sep. 26, 1960	6	30	25	25	"	D	Clay 6; red granite 52. Water at 30.
" 19	B. Leppan	W.H. Davy & Son	Apr. 6, 1961	6	20	26	9	"	D	Blue clay 21; red granite 66. Water at 45.
" 22	J. Murray	C. Goodberry Well Drilling Ltd.	Apr. 25, 1960	6	30	11	11	"	D	Sand boulders 24; red granite 54. Water at 28 and 48.
" 24	J.E. Doyle	J. Knox	Jul. 9, 1960	6	10	55	50	"	D	Sand 59; red granite 75. Water at 70.
" 24	I. Campbell	"	Jun. 15, 1961	6	4	73	57	"	D	Sandy gravel 53; black granite 73; brownish granite 76. Water at 74.
" 24	Contr.	W.H. Davy & Son	Apr. 19, 1963	6	15	39	37	"	D	Fine sand 10; black granite 61. Water at 57.
" 24	R.C. Edgar	"	Jul. 22, 1961	6	3	101	53	"	D	Sand 59; grey granite 101. Water at 85.
" 25	I. Mayer	C. Goodberry Well Drilling Ltd.	Sep. 20, 1961	6	20	21	21	"	D	Sand boulders 30; gravel 33; grey granite 57. Water at 55.
" 27	C. Farmer	"	Sep. 21, 1960	6	15	20	15	"	D,S	Clay 4; sandstone 30; granite 54. Water at 45 and 50.
" 31	L. Garrett	W.H. Davy & Son	Feb. 14, 1961	6	20	35	10	"	D,S	Sand 4; sandstone 30; red granite 44. Water at 30.
" 31	G. Ackinson	C. Goodberry Well Drilling Ltd.	Oct. 24, 1963	6	10	23	16	"	D,S	Clay 5; white sandstone 36; blue granite 40 1/2. Water at 25, 34 and 39.
" 36	O.W. Hunter	W.H. Davy & Son	Jul. 27, 1961	6	20	12	6	"	S	Clay shale 17; grey granite 48. Water at 30.
" 37	C.E. Conner	C. Goodberry Well Drilling Ltd.	Dec. 8, 1960	6	8	84	20	"	D,S	Loam 2; broken rock 8; granite 100. Water at 40, 80 and 96.
" 22	A. Gardner	W.H. Davy & Son	Aug. 27, 1963	6	25	14	9	"	D	Shale 5; blue granite 46. Water at 40.
" 24	E. Kehoe	J. Knox	Feb. 2, 1962	6	38	38	14	"	D	Topsoil 2; shale granite 7; grey granite 48. Water at 45.
" 26	M. Clark	C. Goodberry Well Drilling Ltd.	Feb. 27, 1961	6	6	60	29	"	D,S	Sand boulders 28; grey granite 72. Water at 60 and 69.
" 31	F. Shortall	C.W. Jones	Nov. 14, 1964	6	5	20	15	"	"	Clay 5; granite 33. Water at 30.
" 33	W. Stollker	W.H. Davy & Son	May 27, 1964	6	30	21	16	"	S	Blue clay 18; blue granite 75. Water at 71.
" 36	T. Spence	"	Aug. 14, 1961	6	12	24	11	"	D	Blue clay 5; sandstone 31; grey granite 40. Water at 33.
" 26	B. Nixon	"	Apr. 4, 1960	6	10	43	2	"	D	Shale 6; blue granite 43. Water at 40.
" 26	F.H. Murray	J. Knox	Sep. 12, 1961	6	3	90	30	"	D	Sandy gravel 11; grey granite 97. Water at 93.
" 26	R. Woods	W.H. Davy & Son	Oct. 3, 1962	6	1 1/2	65	15	"	D	Clay boulders 17; granite 65. Water at 45.
" 30	O. Kenny	C. Goodberry Well Drilling Ltd.	Nov. 17, 1960	6	12	80	25	"	D,S	Sand 1; red granite 86. Water at 75 and 80.
" 34	T. Moyer	J. Knox	Jun. 20, 1962	6	1 1/2	160	36	"	D	Fine sand 27; black granite 177. Water at 155.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
FRONTENAC COUNTY -cont.										
Stittsburg Twp., cont.										
Sec IX lot 31	B. Mallon	W.H. Davy & Son	Jun. 18, 1960	6	3	58	12	Fresh	D	Clay 3; granite 58. Water at 45.
Sec X " 32	W. Knapp	R. Kenny	Aug. 31, 1963	6	7	35	13	"	D	Brown clay 7; blue granite 45. Water at 45.
Sec X " 32	G. McMaster	"	Oct. 26, 1963	6	7	30	13	"	D	Brown clay 7; blue granite 56. Water at 56.
Sec X " 33	S. Simpson	W.H. Davy & Son	Sep. 23, 1960	6	10	83	22	"	D	Clay 2; grey granite 85. Water at 40.
Sec XI " 37	C. Webb	"	Aug. 16, 1960	6	3	183	60	"	D	Deepened 168; white limestone. Water at 160.
Sec XI " 39	M.R. Greene	"	Jul. 15, 1960	6	20	48	8	"	D	Clay 3; granite 56. Water at 54.
FR. Con IV " 39	T.P. Dayle	C. Goodberry Well Drilling Ltd.	Feb. 14, 1961	6	5	48	14	"	D	Clay 2; granite 58. Water at 56.
FR. Con IV " 41	Z. Beilman	W.H. Davy & Son	Oct. 4, 1960	6	20	35	18	"	D	Clay 3; red granite 49. Water at 46.
Sec X " 32	E.C. Churchill	J. Knox	Dec. 2, 1960	6	2	135	25	"	D	Topsoil 4; green granite 34. Water at 45.
Sec X " 32	G. Seymour	"	Mar. 1, 1960	6	2	142	12	"	D	Sand 4; green granite 36; red granite 52. Water at 38.
Sec X " 32	H. Cartwright	W.H. Davy & Son	Dec. 3, 1960	6	20	170	33	"	D	Limestone 55; red grey granite 170. Water at 160.
Sec X " 32	W. Taylor	"	Nov. 2, 1962	6	20	170	33	"	D	Shale 10; limestone 61. Water at 65.
Sec X " 32	H. Thomas	"	Sep. 26, 1962	6	1	172	90	"	D	Clay 3; red granite 120. Water at 100.
Sec X " 32	E. Reardon	"	Oct. 1, 1962	6	15	76	28	"	D	Red green granite 76. Water at 80.
Sec X " 32	H. Cartwright	"	Mar. 27, 1962	6	15	60	23	"	D	Clay 6; blue limestone 76; black granite 82. Water at 65.
Sec X " 32	J.S. Luck	"	Jul. 3, 1964	6	8	91	23	"	D	Clay shale 6; blue limestone 45; granite 91. Water at 80.
Sec X " 32	S. Lawrence	"	Aug. 31, 1964	6	33	20	14	"	P	Clay 21; grey limestone 48. Water at 40.
Farmland Twp.										
Sec I lot 1	H. Sly	J. Knox	Jul. 24, 1962	6	7	60	12	Fresh	D	Blue clay 5; blue limestone 65. Water at 48.
Sec I " 1	M. Irwin	L. Campbell	May 30, 1964	6	3	73	26	Sulphur	D	Loam 3; soft grey limestone 25; hard grey limestone 65; soft grey limestone 66. Water at 70.
Sec I " 5	B. Thompson	W.H. Davy & Son	Jun. 30, 1960	6	12	68	35	Fresh	S	Topsoil 1; blue limestone 68. Water at 65.
Sec I " 5	G. Jowar	C. Goodberry Well Drilling Ltd.	Jul. 5, 1960	6	50	90	16	"	S	Topsoil 1; limestone 96. Water at 95.
Sec I " 5	P. Thomson	W.H. Davy & Son	May 23, 1962	6	20	36	35	"	D	Shale 19; blue limestone 58. Water at 45 and 56.
Sec I " 5	H. Long	"	Jun. 1, 1961	6	3	10	20	"	S	Blue limestone 41. Water at 35.
Sec I " 9	E. Selth	L. Campbell	Jan. 30, 1963	6	3	119	12	Salty	S	Loam 1; hard grey limestone 15; soft grey limestone 50; hard grey limestone 70; soft grey limestone 110. Water at 60.
Sec II " 1	R. Hornbeck	C. Goodberry Well Drilling Ltd.	Sep. 3, 1963	6		192 1/2		"	N	Sand 6; blue limestone 164; red granite 205.
Sec II " 1	"	"	Jul. 20, 1964	6				"		Clay boulders 5; blue limestone 65. Dry hole.
Sec II " 4	H. Campsall	R.C. Wales	Nov. 25, 1964	6	1 1/2	20	12	Fresh	D	Shale 12; grey limestone 104. Dry hole.
Sec II " 7	W. Shillingford	L. Campbell	Jan. 30, 1961	6				"		Loam 7; hard grey limestone 12; shelly grey limestone 20; soft grey limestone 37 1/2. Water at 12 and 37 1/2.
Sec II " 7	"	"	Feb. 4, 1961	6	20	15	4	"	D	Loam 1; hard grey limestone 6; shelly grey limestone 18. Water at 8.
Sec II " 7	"	"	Feb. 9, 1961	6	40	11	5	"	D	Loam 1; hard grey limestone 4 1/2; shelly limestone 16. Water at 11.
Sec II " 7	G. Vanalstine	"	Nov. 8, 1961	6	1 1/2	21	19	"	D	Loam 2; shelly limestone 3; hard grey limestone 12; soft grey limestone 22. Water at 14 and 20.
Sec II " 7	E. Crane	J. Knox	Jul. 23, 1962	6	2	50	12	"	D	Blue clay 2; blue limestone 56. Water at 42.
Sec II " 7	H. Warner	"	Aug. 23, 1962	6 1/2	3	45	15	"	D	Blue clay 3; blue limestone 55. Water at 50.
Sec II " 7	F. Baker	W.H. Davy & Son	Jun. 6, 1963	6	1 1/2	57	4	"	D	Blue limestone 57. Water at 11 and 35.
Sec II " 7	C. Gullions	"	Jun. 7, 1963	6	10	55	4	"	D	Topsoil 2; blue limestone 55. Water at 11 and 50.

FRONTENAC COUNTY - cont.  
Portland Twp. - cont.

Con	II	lot	7	E. Reese	L. Campbell	Jun. 18, 1963	6	3	15	4	Fresh	D	
Con II	"	7	H. Struthers	W.H. Davy & Son	Jul. 10, 1963	6			75	30	"	D	Loam 4; hard grey limestone 7; soft grey limestone 18. Water at 15.
Con II	"	7	"	"	Jul. 12, 1963	6			75	30	"	D	limestone 75. Water at 65.
Con II	"	7	E. Elliott	L. Campbell	Sep. 4, 1963	6	5	19	30	10	"	D	Loam 5; soft grey limestone 12; hard grey limestone 20; soft grey limestone 27. Water at 24.
Con II	"	8	M. Martin	"	Mar. 30, 1961	6	1	31	3	3	"	D	Loam 2; shelly limestone 20; soft grey limestone 33. Water at 27.
Con II	"	8	M.F. Wood	C. Goodberry Well Drilling Ltd.	Jul. 2, 1962	6					Salty	D	Clay 5; blue limestone 14; Water at 141.
Con II	"	8	H. Wood	J. Knox	Aug. 1, 1962	6	1	55			Fresh	D	Topsoil 1; blue limestone 60. Water at 59.
Con II	"	8	R. Bves	"	Aug. 9, 1962	6	2	110	14	50	"	D	Topsoil 1; blue limestone 120. Water at 110.
Con II	"	8	M. Martin	L. Campbell	Jun. 7, 1963	6	1	18	2	2	"	D	Loam 2; soft grey limestone 10; hard grey limestone 18. Water at 6.
Con II	"	8	R. Knapp	"	Oct. 25, 1963	6	3	23	6	6	Sulphur	D	Loam 3; soft grey limestone 12; hard grey limestone 20; soft grey limestone 27. Water at 17.
Con II	"	8	G. Vanalstine	"	Oct. 29, 1963	6		54	10		Fresh	D	Loam 3; soft grey limestone 20; hard grey limestone 45; soft grey limestone 55. Water at 40.
Con II	"	8	M. Martin	"	Oct. 26, 1964	6							Loam 1; soft grey limestone 6; hard grey limestone 37; soft grey limestone 55; hard grey limestone 94; soft grey limestone 103. Dry hole.
Con II	"	8	"	"	Nov. 2, 1964	6							Loam 3; hard grey limestone 20; soft grey limestone 37; hard grey limestone 150. Dry hole.
Con II	"	9	W. Card	J. Knox	Jul. 26, 1960	6	3	50	12		Fresh	D	Sandy soil 6; blue limestone 50. Water at 22.
Con II	"	9	D. Steele	"	Sep. 27, 1963	6	5	90	45		"	D	Sand 12; white limestone 100. Water at 85.
Con II	"	11	F. Stoppa	W.H. Davy & Son	Jul. 28, 1960	6							Shale 21; limestone 172. Dry hole.
Con II	"	11	A. Benedict	"	Aug. 24, 1961	6							Shale 9; blue limestone 124. Dry hole.
Con II	"	11	"	"	Jul. 18, 1962	6	2	227	80		Salty	D	Deepened well blue limestone 200; red granite 227. Water at 180.
Con III	"	1	G. Miller	"	Apr. 29, 1960	6		40	12		Fresh	D	Clay 3; blue limestone 62. Water at 55.
Con III	"	1	S. Aney	"	May 11, 1960	6	10	61	25		"	D	Shale 10; blue limestone 61. Water at 57.
Con III	"	1	"	"	May 23, 1960	6	20	44	44		"	S	Clay 4; blue limestone 90; red granite 100. Water at 90.
Con III	"	3	C. Vankoughnet	R.C. Wales	Aug. 12, 1964	6	30*	32	22		"	D, S	Clay 6; limestone 48; granite 49. Water at 45.
Con III	"	5	C.W. Hodgson	C. Goodberry Well Drilling Ltd.	Sep. 30, 1964	6							Limestone 100. Dry hole.
Con III	"	7	J.T. Standen	L. Campbell	Jun. 2, 1961	6	5	5	2		"	D	Loam 1; shelly limestone 5; hard grey limestone 20; soft grey limestone 26. Water at 19.
Con III	"	8	P. Fraser	W.H. Davy & Son	Jun. 6, 1961	6	3	124	35		"	"	Blue limestone 134. Water at 19.
Con III	"	8	N. Braken	J. Knox	Jun. 2, 1960	6	10	14	18		"	S	Blue clay 3; blue limestone 82. Water at 48.
Con III	"	11	"	"	Nov. 19, 1962	6	5	60	17		"	"	Blue clay 3; blue limestone 88. Water from 17 to 65.
Con III	"	15	R. Gibson	W.H. Davy & Son	Jun. 23, 1964	6	3*	125	16		"	"	Shale 4; blue limestone 140. Water at 30 and 130.
Con III	"	16	O. Gibson Jr.	"	Nov. 25, 1964	6	3	95	10		Sulphur	D	Loam 1; blue limestone 100. Water at 35.
Con IV	"	6	C. Pritchard	J. Knox	Apr. 1, 1960	6	1	130	30		Fresh	D	Blue clay 1; blue limestone 130. Water at 125.
Con IV	"	6	L. Quinn	W.H. Davy & Son	Mar. 15, 1961	6	15	120	16		"	D	Blue clay 1; shale 20; blue limestone 50. Water at 34.
Con IV	"	6	L. Husband	"	Feb. 14, 1964	6	10	45	6		"	"	Shale 17; blue limestone 45. Water at 42.
Con IV	"	7	"	"	Feb. 12, 1964	6	10	45	6		"	"	Clay 1; blue limestone 40. Water at 35.
Con IV	"	7	C. Wilson	"	Sep. 11, 1960	6	20	25	15		"	"	Shale 10; blue limestone 55. Water at 40.
Con IV	"	7	B. Cranston	"	Oct. 22, 1960	6	20	32	25		"	"	Topsoil 1; blue limestone 95. Water at 45.
Con IV	"	7	B. Laveck	J. Knox	Oct. 27, 1960	6	12	37	29		"	"	Loam 18; blue limestone 55. Water at 51.
Con IV	"	7	I. Snider	W.H. Davy & Son	Aug. 24, 1961	6							

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PRESTON COUNTY - con't.										
Fertile Top - con't.										
Con IV	E. Cranstom	J. Knox	Jan. 6, 1962	6	7	30	25	Fresh	S	Topsoil 1; shale limestone 7; blue limestone 43. Water at 56.
Con IV	G. Barr	C. Goodberry Well Drilling Ltd.	Sep. 22, 1964	6	2 1/2	58	26	"	S	Sand 2; blue limestone 64. Water at 56.
Con IV	Harrowsmith Public School	W.H. Davy & Son	Jun. 4, 1960	6	50	44	20	"	F	Sand boulders 17; blue limestone 50; red granite 54. Water at 50.
Con IV	"	"	Jun. 6, 1960	6	50	44	20	"	F	Sand boulders 17; blue limestone 50; red granite 54. Water at 50.
Con IV	E. Arney	L. Campbell	Apr. 10, 1961	6	5	35	12	Sulphur	S	Loam 1; shelly limestone 8; hard grey limestone 42; soft grey limestone 54. Water at 42.
Con IV	P. Fraser	W.H. Davy & Son	Jul. 4, 1961	6	12	34	8	Fresh	S	Shale 3; blue limestone 71. Water at 76.
Con IV	M. Abrams	J. Knox	May 12, 1962	6	6	40	12	"	S	Topsoil 3; blue limestone 8; blue limestone 51. Water at 51.
Con IV	B. Matthews	W.H. Davy & Son	Aug. 22, 1962	6	5	110	20	"	D, S	Topsoil 4; blue limestone 120. Water at 95 and 115.
Con IV	M. Rosen	"	Nov. 16, 1963	6	10	20	18	"	S	Shale 3; blue limestone 62. Water at 45.
Con IV	F. Wilson	"	Nov. 16, 1963	6	25	105	31	"	S	Shale limestone 11; black granite 13; grey granite 17.
Con V	M. Seales	G.H. Chalk Jr.	Oct. 4, 1962	6	2	30	5	"	S	Water at 170.
Con V	H. Clayton	W.H. Davy & Son	Mar. 31, 1964	6	10	12	3	"	S	Clay 4; green limestone 37. Water at 32.
Con V	M. Reiten	"	Mar. 31, 1964	6	12	12	12	"	S	Clay 6; blue limestone 36. Water at 30.
Con V	D. Ritchie	C. Goodberry Well Drilling Ltd.	Feb. 18, 1960	6	30	10	10	"	D, S	Grey limestone 31. Water at 16.
Con V	R. Ender	L. Campbell	Apr. 20, 1961	6	6	8	86	"	D	Clay stones 3; blue limestone 64. Water at 55 and 60.
Con V	H. Kingston	"	Apr. 20, 1961	6 1/2	3	23	86	"	D	Loam 15; sand 26; shelly limestone 34. Water at 27.
Con V	"	"	Apr. 20, 1961	6	5	45	12	"	D	Loam 3; shelly limestone 10; hard grey limestone 26. Water at 12.
Con V	Bell Telephone Co.	J. Knox	Nov. 30, 1961	6	5	45	12	"	C	Blue clay 4; shale limestone 10; blue limestone 60. Water at 47.
Con V	J.J. Campsall	W.H. Davy & Son	Mar. 20, 1962	6	8	39	11	"	D	Sandy clay 12; shale 20; blue limestone 79. Water at 74.
Con V	S. Sefton	"	Jan. 16, 1963	6	5	31	24	"	D	Shale 17; blue limestone 79. Water at 73.
Con V	D. Wiley	J. Knox	Jan. 10, 1963	6	5	33	8	"	D	Blue clay 3; blue limestone 35. Water at 29.
Con V	S. Clark	C. Goodberry Well Drilling Ltd.	Oct. 1, 1964	6	7	87	15	"	D	Previously drilled well 60; blue limestone 80. Water at 77.
Con V	"	"	Feb. 16, 1961	6	14	120	31	"	D	Sand 15; blue limestone 127. Water at 125.
Con V	G. Cross	"	Oct. 5, 1960	6	3	100	20	"	D	Sand stones 7; grey limestone 9; red granite 106. Water at 104.
Con V	J. K. Griffith	J. Knox	Jan. 2, 1960	6	3	60	14	"	D	Blue clay 4; blue limestone 63. Water at 45.
Con V	A. Hanna	"	Jan. 4, 1960	6	3	42	12	"	D	Blue clay 4; blue limestone 52. Water at 42.
Con V	A. Babcock	"	Apr. 4, 1960	6	3	40	15	"	D	Sandy clay 3; blue limestone 51. Water at 40.
Con V	E. Lambert	L. Campbell	Apr. 15, 1961	6	6	12	6	"	D	Loam 4; shelly limestone 8; hard grey limestone 12; soft grey limestone 26. Water at 16.
Con V	"	"	Jun. 28, 1961	6	20	30	19	"	D	Shale 12; blue limestone 32. Water at 25.
Con V	G. Simmons	W.H. Davy & Son	Nov. 20, 1961	6	7	34	35	"	F	Shale 15; blue limestone 34. Water at 80.
Con V	United Church	"	Nov. 20, 1961	6	7	34	35	"	F	Shale 21; blue limestone 78. Water at 75.
Con V	Harrowsmith	"	Mar. 9, 1962	6	7	78	17	"	D	Fine sand 24; blue limestone 45. Water at 41.
Con V	J.J. Taylor	"	Mar. 13, 1962	6	15	17	14	"	D	Clay 2; blue limestone 74. Dry hole.
Con V	C. Redmond	"	Jul. 9, 1962	6	6	17	14	"	D	Clay 2; blue limestone 66. Dry hole.
Con V	W. Bruce	C. Goodberry Well Drilling Ltd.	Jul. 20, 1962	6	6	17	14	"	D	Clay 2; blue limestone 66. Dry hole.
Con V	"	"	Jul. 21, 1962	6	6	17	14	"	D	Clay 2; blue limestone 66. Dry hole.



FRONTENAC COUNTY -cont.  
Fortland Twp. - cont.

Con V	C.Chapman	J. Knox	Sep. 8, 1962	6	5	60	8	D	Fresh	Blue clay 3; blue limestone 67. Water at 65.
Con V	H. Jacobsen	W.H. Davy & Son	Jul. 11, 1963	6	20	45	8	D	"	Fill 5; blue limestone 57. Water at 35 and 52.
Con V	E.N. Charlton	J. Knox	Aug. 27, 1963	6	10	40	17	D	"	Shale 18; blue limestone 40. Water at 37.
Con V	J. Lloyd	"	May 3, 1964	6	10			D	"	Topsoil 3; blue limestone 140; red limestone 275; grey limestone 400. Dry hole.
Con V	"	"	May 5, 1964	6	10	35	11	D	Fresh	Topsoil 5; blue limestone 46. Water at 15.
Con V	B. Bruce	W.H. Davy & Son	Oct. 14, 1964	6	80	80	36	D	"	Blue clay 3; blue limestone 80. Water at 75.
Con V	H. Crawford	"	Nov. 11, 1964	6	58	21	12	D	"	Loam 3; blue limestone 48. Water at 45.
Con V	G. Simons	"	Nov. 12, 1964	6	45	16	16	D	"	Loam 3; blue limestone 55. Water at 50.
Con V	H. Jacobsen	"	Feb. 8, 1964	6	41	45	4	D	"	Loam 3; blue limestone 59. Water at 54.
Con V	"	"	Jul. 7, 1964	6	12	75	44	D	"	Loam 3; blue limestone 83. Water at 77.
Con V	"	"	Oct. 19, 1962	6	3	140	40	D	"	Shale 4; blue limestone 140. Water at 35.
Con V	"	"	Oct. 16, 1962	6	3	104	40	D	"	Shale 4; blue limestone 104. Water at 95.
Con V	W. Bruce	C. Goodberry Well Drilling Ltd.	Jul. 18, 1962	6	2	150	43 1/2	D	"	Clay 1; blue limestone 155. Water at 106.
Con V	A. Babcock	J. Knox	Nov. 11, 1960	6	4	147	70	D	"	Blue clay 6; blue limestone 120; green limestone 138; red granite 14; blue limestone 147. Water at 142.
Con V	R. Richardson	C. Goodberry Well Drilling Ltd.	Sep. 18, 1964	6	15	40	15	D	Sulphur	Sand 3; limestone 55. Water at 40 and 52.
Con V	W. Wilson	J. Knox	Dec. 2, 1961	6	3	30	2	D	Fresh	Shale limestone 5; blue limestone 37. Water at 32.
Con V	H. Simons	L. Campbell	Jun. 5, 1964	6	3	33	8	S	"	Loam 3; soft grey limestone 12; hard grey limestone 20; soft grey limestone 32; hard grey limestone 38. Water at 30.
Con V	W.J. Wallace	J. Knox	Jul. 5, 1963	6	5	40	12	S	"	Blue clay 11; shale limestone 15; blue limestone 49. Water at 45.
Con VI	"	L. Campbell	May 17, 1961	6	2 1/2	3 1/2	3	D	"	Loam 2; shelly limestone 3; hard grey limestone 14. Water at 12.
Con VI	P. Hansen	"	May 29, 1961	6	5	30	20	D, S	"	Loam 2; previces 5; shelly limestone 20; hard grey limestone 45; soft grey limestone 52. Water at 50.
Con VI	R. Bauder	"	May 31, 1962	6	7	20	20	D	"	Hard grey limestone 40; sandstone 45; gravel 47; hard grey limestone 56. Water at 34.
Con VI	C. Lee	C. Goodberry Well Drilling Ltd.	Aug. 23, 1961	6	2	90	40	D	Salty	Topsoil 1; clay 3; blue limestone 146; hard rock 166. Water at 80 and 150.
Con VI	E.R. Mitchell	L. Campbell	May 25, 1962	6	5	11	6	S	Fresh	Loam 3; hard grey limestone 16. Water at 12.
Con VI	K. Dart	H.C. Gales	Aug. 24, 1962	6	1	105	55	S	"	Previously drilled 42 1/2; grey limestone 100; sandstone 105. Water at 100.
Con VI	R. Mitchell	W.H. Davy & Son	Jan. 29, 1963	6	3	198	31	D, S	"	Shale 9; blue limestone 101; white limestone 200. Water at 46, 90 and 195.
Con VI	H. Rule	L. Campbell	Sep. 2, 1964	6	1	111	20	D	"	Loam 6; soft grey limestone 27; hard grey limestone 45; soft grey limestone 72; hard grey limestone 97; soft limestone 110; sandstone 112. Water at 110.
Con VI	J. Ellerbrook	J. Knox	Dec. 7, 1961	6	6	36	16	D	"	Blue clay 3; blue limestone 44. Water at 38.
Con VI	R. Coeclin	W.H. Davy & Son	Aug. 17, 1962	6	4	49	21	D	Sulphur	Blue limestone 49. Water at 35.
Con VI	G. Simons	"	Aug. 16, 1962	6	5	147	25	D, S	Fresh	Shale 8; blue limestone 147. Water at 125.
Con VI	C. Kendrick	"	Jan. 5, 1963	6	20	37	33	D, S	"	Shale 10; blue limestone 78. Water at 74.
Con VI	J. Robson	"	Apr. 16, 1963	6	30	15	12	D, S	Sulphur	Fill 4; blue limestone 50. Water at 45.
Con VI	R.E. Fillings	"	Dec. 18, 1962	6	10	21	19	D	Fresh	Shale 22; blue limestone 80. Water at 76.
Con VI	E.A. Lemont	"	Aug. 11, 1961	6	2	50	12	D	"	Shale 10; blue limestone 50. Water at 35.
Con VI	H. Davey	L. Campbell	Oct. 22, 1964	6	8	150	50	S	"	Loam 4; soft grey limestone 30; hard grey limestone 47; soft grey limestone 75; hard limestone 131; granite 150. Water at 131.
Con VI	R. Huffmen	W.H. Davy & Son	Jul. 13, 1960	6	10	41	13	D	"	Shale 12; blue limestone 41. Water at 37.

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# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
FRONTENAC COUNTY - cont.										
Portland Twp. - cont.										
Con VI	P. Young	W.H. Davy & Son	Aug. 15, 1963	6	25	70	25	Fresh	D, S	Loam 4; blue limestone 85. Water at 80.
Con VII	H. Van Loven	"	Jan. 2, 1964	6	5	12	12	"	S	Clay 8; red sandstone 60. Water at 50.
Con VII	C. Jamieson	L. Campbell	May 12, 1961	6	3	72	12	"	S	Loam 2; shale 1; limestone 12; hard grey limestone 30; soft grey limestone 74. Water at 12 and 32.
Con VII	"	"	Jun. 11, 1964	6	3	152	70	"	S	Loam 2; soft grey limestone 20; hard grey limestone 37; soft grey limestone 122. Water at 98.
Con VII	"	"	Jan. 16, 1961	6	1	235	100	Salt	S	Blue limestone 150; red sandstone 210; white limestone 235. Water at 230.
Con VII	N. Whitty	J. Knox	Jan. 21, 1961	6	15	34	14	"	D, S	Blue clay 5; blue limestone 105. Dry hole.
Con VII	A. Ferguson	W.H. Davy & Son	Dec. 23, 1963	6	15	189	28	Fresh	D, S	Sand boulders 37; coarse gravel 40. Water at 40.
Con VII	B. Moore	"	Aug. 26, 1963	6	9	50	12	"	S	Blue limestone 159. Water at 184.
Con VII	E. Kemp	C. Goodberry Well Drilling Ltd.	Oct. 31, 1962	6	9	50	12	"	S	Blue clay 4; blue limestone 54. Water at 42 and 45.
Con VII	J.F. Costa	J. Knox	Jul. 31, 1962	6	1	73	28	"	S	Blue clay 7; blue limestone 79. Water at 77.
Con VII	R.W. Asselstine	W.H. Davy & Son	Dec. 14, 1961	6	15	99	49	"	S	Shale 19; blue limestone 102; red sandstone 120. Water at 116.
Con VIII	C. Steele	"	Jul. 27, 1960	6	5	120	60	"	S	Loam 2; blue limestone 120. Water at 110.
Con VIII	R. Carleton	J. Knox	Jun. 26, 1963	6	5	35	7	"	D	Blue clay 3; shale limestone 9; blue limestone 63. Water at 16.
Con VIII	E. Pero	"	Mar. 21, 1961	6	1	29	4	"	D	Clay 5; blue limestone 29. Water at 27.
Con VIII	J. Carr	C. Goodberry Well Drilling Ltd.	Jun. 22, 1963	6	7	16	5	"	D	Clay 2; blue limestone 30. Water at 28.
Con VIII	J.E. Carr	"	Oct. 28, 1963	6	4	162	50	"	D	Previously drilled 30; blue limestone 83; red feldspar 112; blue white granite 164.
Con VIII	E. Reynolds	W.H. Davy & Son	Jun. 3, 1964	6	8	80	13	"	D	Loam 4; blue limestone 89. Water at 84.
Con VIII	E. Lawson	J. Knox	Aug. 18, 1964	6	1	120	40	"	D	Topsoil 2; blue limestone 125. Water at 85.
Con VIII	E. Hasley	W.H. Davy & Son	Aug. 12, 1963	6	15	75	30	"	D	Loam 6; blue limestone 95. Water at 90.
Con IX	E. Carleton	"	Nov. 13, 1961	6	5	50	6	"	S	Red shale 30; blue granite 50. Water at 15 and 28.
Con IX	J. Stewart	C. Goodberry Well Drilling Ltd.	Oct. 10, 1961	6	12	15	8	"	D	Soft red shale 1; black grey granite 163. Dry hole.
Con IX	"	"	Nov. 15, 1961	6	5	34	9	"	D	Loam 1; red shale 8; gravel 24; quicksand 50; multi-coloured limestone 935. Water at 90 and 130.
Con X	M. Moore	J. Knox	Aug. 24, 1960	6	5	34	9	"	D	Sandy soil 12; white limestone 19; red granite 41. Water at 36.
Con X	W. Bryant	C. Goodberry Well Drilling Ltd.	Sep. 15, 1960	6	3	97	7	"	D	Clay 15; red granite 103. Water at 50 and 98.
Con X	E.L. Martin	W.H. Davy & Son	Jun. 26, 1962	6	10	40	4	"	D	Clay sand boulders 14; white limestone 47. Water at 38.
Con X	B. Davey	"	Nov. 22, 1963	6	20	8	4	"	D	Clay 15; white limestone 49. Water at 40.
Con X	C. Alport	C. Goodberry Well Drilling Ltd.	Jan. 11, 1960	6	30	25	13	"	D, S	Sand boulders 12; granite 54. Water at 50.
Con X	W. Middleton	J. Knox	Jan. 15, 1964	6	3	45	12	"	D, S	Topsoil 1; red grey granite 50. Water at 38.
Con X	S. Embury	W.H. Davy & Son	Jun. 30, 1960	5	15	28	7	"	D	Loam 2; grey granite 64. Water at 61.
Con X	K. Crawford	"	Nov. 1, 1962	6	15	18	10	"	D	Shale 14; grey granite 59. Water at 53.
Con XI	M. Lakin	L. Campbell	Jun. 17, 1964	6	15	15	10	"	D	Limestone 3; granite 33. Water at 25.
Con XI	E. Allan	W.H. Davy & Son	Oct. 4, 1960	6	15	41	37	"	D	Shale 14; white limestone 62. Water at 56.
Con XI	L. Irish	C. Goodberry Well Drilling Ltd.	Oct. 17, 1961	6	25	14	10	"	D	Topsoil 1; clay 7; blue limestone 34. Water at 24 and 30.
Con XI	M. Snider	W.H. Davy & Son	Oct. 27, 1961	6	10	120	12	"	D	Sand 20; white limestone 120. Water at 55 and 115.
Con XI	K. Brown	"	Feb. 28, 1963	6	15	67	25	"	D	Sand 20; white limestone 67. Water at 62.

FRONTENAC COUNTY -cont.  
Portland Twp. - cont.

Con	Lot	9	Bank of	C. Goodberry Well	Mar. 20, 1963	6	30	58	8½	Fresh	P	
Con XI	"	9	R.S. Ontreal	Drilling Ltd.	Nov. 20, 1963	6	10	65	18	"	D	Topsoil 1; sand 29½; white limestone 118½. Water at 75 and 114.
Con XI	"	9	Insurance & Discount Corp.	"	Feb. 11, 1964	6	7	69	16	"	D	Clay shale 14; white limestone 65. Water at 58.
Con XI	"	9	E. Kerr	"	Jul. 3, 1964	6	80.	19	9	"	D	Sand 16; white limestone 69. Water at 65.
Con XI	"	9	G. Davey	C. Goodberry Well	Jul. 16, 1964	6	3	75	30	"	D	Pine sand 11; boulders sand 18; white limestone 69. Water at 65.
Con XI	"	10	L. Goodberry	Drilling Ltd.	May 26, 1960	6	10	18	3½	"	D	Sand boulders 10; limestone 80. Water at 30.
Con XI	"	10	Verona Federal Building	W.H. Davy & Son	Jan. 26, 1963	6	10	82	12	"	D	Topsoil 2; sand 20; quicksand 30; limestone 69. Water at 50 and 65.
Con XI	"	11	A. Clow	"	Oct. 6, 1964	6	40	45	12	"	D	Sand gravel 27; white limestone 82. Water at 77.
Con XI	"	18	G. Reynolds	J. Knox	Aug. 29, 1960	6	10	20	7	"	D	Sand blue clay 30; sand 44; gravel sand 60. Water at 60.
Con XI	"	19	W.A. Walker	"	Apr. 12, 1960	6	3	20	10	"	D	White limestone 19; white flint 23; reddish brown granite 27½. Water at 20.
Con XI	"	19	R. Dowker	W.H. Davy & Son	Dec. 15, 1962	6	5	63	10	"	D	Topsoil 6; red granite 27½. Water at 20.
Con XI	"	19	T. Cox	"	Jun. 11, 1964	6	6	66	10	"	D	Shale 7; black granite 63½. Water at 60.
Con XI	"	23	B. Dallon	J. Knox	Mar. 8, 1960	6	3	55	15	"	D	Clay sand 23; white granite 66. Water at 64.
Con XII	"	5	G. Albertson	W.H. Davy & Son	Apr. 7, 1960	6	15	27	22	"	D	Topsoil 7; black granite 55. Water at 45.
Con XII	"	5	N.W. Albertson	"	Apr. 11, 1960	6	18	74	20	"	D	Loam 3; white limestone 27; sandstone 45. Water at 25 and 42.
Con XII	"	5	C. Babcock	J. Knox	Sep. 26, 1961	6	1	54	20	"	D	Shale 21; white limestone 74. Water at 24 and 65.
Con XII	"	7	R. Storns	W.H. Davy & Son	Apr. 11, 1963	6	12	70	15	"	D, S	Sandy soil 6; black granite 54. Water at 48.
Con XII	"	8	D. Abrams	J. Knox	Sep. 28, 1961	6	4	47	20	"	D	Shale 16; white limestone 70. Water at 67.
Con XII	"	8	F. Grant	W.H. Davy & Son	Jun. 23, 1962	6	20	50	45	"	D	Sandy soil 4; white limestone 50. Water at 44.
Con XII	"	8	G. Wagar	"	May 21, 1962	6	6	44	8	"	D	Clay 9; white limestone 70. Water at 63.
Con XII	"	8	T.A. Kirkpatrick	"	Jun. 13, 1962	6	20	20	19	"	D	Shale 19; white limestone 44. Water at 43.
Con XII	"	9	L. Burke	J. Knox	Nov. 30, 1961	6	3	30	12	"	D	White limestone 47. Water at 44.
Con XII	"	9	E. Kerr	W.H. Davy & Son	Jul. 20, 1962	6	5	60	5	"	D	Sandy soil 2; shale white limestone 7; white limestone 38. Water at 32.
Con XII	"	9	Rothwell-	J. Knox	May 21, 1964	6	4	45	1	"	D	Water at 32.
Con XII	"	5	Perrin Elders	"	Jun. 21, 1964	6	15	36	16	"	D	Sand 27; white limestone 69. Water at 35 and 65.
Con XII	"	5	B. & G. Hufford	W.H. Davy & Son	Apr. 22, 1960	6	15	36	16	"	D	Blue clay 12; fine sand 25; white limestone 48. Water at 30 and 45.
Con XII	"	5	J. Bradford	C. Goodberry Well	Jun. 27, 1960	6	15	20	11	Fresh	D	Shale 26; red granite 58. Water at 52.
Con XII	"	6	Kunata Scout Camp	W.H. Davy	Aug. 3, 1960	6	5	45	20	"	P	Shale 11; white limestone 45. Water at 39.
Con XII	"	7	T. Allen Camp	C. Goodberry well	May 23, 1962	6	6	20	14	"	P	Sand 4; grey limestone 66½. Water at 60.
Con XII	"	7	"	Drilling Ltd.	Jun. 4, 1962	6	10	30	21	"	C	Sand 2; white limestone red black rock 34; red granite 47. Water at 41.
Con XII	"	7	R. Hoxsie	"	Jun. 19, 1963	6	10	20	16	"	D	Loam 1½; white limestone 38; red rock 47. Water at 38 and 44.
Con XII	"	7	T. Allen Camp	"	Dec. 15, 1964	6	10	24	8	"	D	Sand 1; sand boulders 4; white limestone 35. Water at 25 and 30.
Con XIII	"	7	R. Walker	W.H. Davy & Son	Apr. 18, 1960	6	10	24	8	"	D	Blue clay 11; shale 18; white limestone 39. Water at 36.
Con XIV	"	2	J. Deyo	"	May 18, 1961	6	3	39	8	"	D	Shale 37; blue granite 68. Water at 21.
Con XIV	"	5	R. Rutland	"	May 18, 1961	6	3	39	8	"	D	Clay 19; white limestone 39. Water at 30.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
FRONTENAC COUNTY -cont. Portland Twp. -cont.										
Con XIV " lot 7	G. Albertyson	C. Goodberry Well Drilling Ltd.	Jul. 24, 1964	6	4	47	15	Fresh	D	Clay sand boulders 11; white limestone 35; mixed limestone red granite greenstone quartz 51. Water at 35.
Con XIV " 8	L. Bentley Jr.	W.H. Davy & Son	Jul. 1, 1963	6	8	54	21	"	D	Sand 13; white limestone 54. Water at 31 and 50.
Con XIV " 9	U. Reynolds & Ont. Dept. of Highways	"	Jul. 16, 1963	6	30	31	27	"	D	Sand 14; white limestone 46. Water at 37.
Con XIV " 16	V. Hicks	C. Goodberry Well Drilling Ltd.	Jun. 23, 1963	6	60	31	20	"	P	Sand 52; white limestone 115; brown granite 180. Water at 162 and 168.
			Oct. 20, 1964	6	6	65	15	"	D	Sand 3; granite 82½. Water at 79.
Storrington Twp. lot 11	A. Stover	C. Goodberry Well Drilling Ltd.	May 30, 1962	6	15	30	22	Fresh	D	Blue limestone 50. Water at 45.
Con I " 12	M. Brady	W.H. Davy & Son	Jul. 22, 1960	6	1	125	65	Salty	D	Loam 3; blue limestone 125. Water at 120.
Con I " 15	W. Mosier	C. Goodberry Well Drilling Ltd.	Sep. 15, 1964	6	15	37	27	Fresh	D	Sand 21; limestone 45. Water at 40.
Con I " 18	R. Gauthier	J. Knox	Oct. 30, 1961	6	3	85	55	"	D	Blue clay 4; blue limestone 89. Water at 87.
Con I " 19	A. Kot	W.H. Davy & Son	Sep. 27, 1962	6	23	80	23	"	S	Shale 8; blue limestone 88. Water at 65 and 85.
Con I " 20	M. Euckley	"	Jul. 31, 1964	6	60	27	17	"	D	Blue limestone 57. Water at 32.
Con I " 23	J. Green	"	Aug. 11, 1961	6	19	24	18	"	D	Clay 3; blue limestone 64. Water at 60.
Con I " 25	J. Vankoughnet	J. Knox	Nov. 16, 1961	6	13	22	11	"	S	Blue clay 3; blue limestone 36. Water at 32.
Con I " 25	M. Green	W.H. Davy & Son	Jul. 18, 1962	6	15	65	30	"	D	Shale 12; blue limestone 78. Water at 72.
Con I " 25	J. Young	"	May 31, 1963	6	20	70	50	"	D	Shale 10; blue limestone 78. Water at 75.
Con I " 25	J. Low	C. Goodberry Well Drilling Ltd.	May 25, 1964	6	20	63	55	"	D	Clay 2; shale 17; blue limestone 92. Water at 89.
Con I " 25	H. Allan	J. Knox	Oct. 9, 1964	6	10	74	60	"	D	Topsoil 2; blue limestone 84. Water at 70.
Con II " 9	R.M. McAnight	"	Sep. 17, 1963	6	7	28	15	"	D	Sand 1; red sandstone 47. Water at 43.
Con II " 15	M. Cumpson	W.H. Davy & Son	Jan. 6, 1960	6	62	19	9	"	D	Shale 20; blue limestone 62. Water at 54.
Con II " 15	"	"	Jul. 4, 1963	6	25	21	18	"	S	Shale 7; blue limestone 53. Water at 49.
Con II " 15	J. Campbell	"	May 8, 1964	6	20	18	9	"	D	Shale 10; blue limestone 46. Water at 41.
Con II " 15	E. Ezeobon	"	Jul. 11, 1964	6	40	40	26	"	D	Shale 4; blue limestone 51. Water at 48.
Con II " 16	C. Campbell	C. Goodberry Well Drilling Ltd.	Nov. 13, 1964	6	1½	140	14	"	D, S	Sand 4; limestone 21; granite 245. Water at 235.
Con II " 19	E. Morton	W.H. Davy & Son	Sep. 20, 1960	6	4	83	9	"	D	Blue limestone 83. Water at 40.
Con II " 19	F. Morris	J. Knox	Oct. 14, 1960	6	4	47	30	"	D	Blue clay 5; blue limestone 53. Water at 46.
Con II " 20	M. Silver	W. Davy & Son	Jan. 26, 1960	6	1	95	12	"	D	Blue limestone 95. Water at 89.
Con II " 20	G. Hunter	"	May 7, 1960	6	5	45	10	"	D	Clay 3; blue limestone 45. Water at 40.
Con II " 20	Tyes General Store	C. Goodberry Well Drilling Ltd.	Jan. 5, 1961	6	5	32	10	"	D	Sand 3; blue limestone 42. Water at 15 and 35.
Con II " 20	F. Baker	W.H. Davy & Son	Sep. 6, 1961	6	15	40	14	"	D	Clay 1; blue limestone 48. Water at 18, 35 and 44.
Con II " 20	G. Thompson	"	Jun. 2, 1962	6	20	39	37	"	D	Shale 14; blue limestone 60. Water at 34 and 54.
Con II " 20	S. Young	"	Jun. 7, 1962	6	20	40	14	"	D	Clay 5; blue limestone 52. Water at 48.
Con II " 20	E. Darling	"	Jul. 11, 1962	6	1	78	14	"	D	Clay 7; blue limestone 78. Water at 60.
Con II " 20	G. Tyes	C. Goodberry Well Drilling Ltd.	Jul. 30, 1962	6	10	40	11	"	D	Drilled well 42; limestone 58. Water at 50.
Con II " 20	J. Woodruff	W.H. Davy & Son	Aug. 3, 1962	6	10	51	1	"	D	Clay 5; blue limestone 51. Water at 45.
Con II " 20	E. Doucette	"	May 22, 1963	6	5	55	12	"	D	Clay 4; blue limestone 60. Water at 35 and 57.
Con II " 20	N. Storn	J. Knox	Sep. 24, 1963	6	4	42	17	"	D	Blue clay 6; blue limestone 45. Water at 38.

FRONTENAC COUNTY -cont.

Storrington Exp.-cont.	Well	Driller	Depth	Remarks	Notes
Con II	B. Campbell	W. H. Davy & Son	86	Oct. 4, 1963	Clay 3; blue limestone 86. Water at 35.
Con II	"	"	28	Dec. 5, 1963	Blue clay; blue limestone 77. Water at 28 and 68.
Con II	M. B. Wright	W. H. Davy & Son	68	Feb. 11, 1964	Shale 19; blue limestone 68. Water at 65.
Con II	P. Ferguson	W. H. Davy & Son	22	Mar. 22, 1962	Clay 2; sand gravel 30; marl 40; red grey granite 93. Water at 87.
Con II	J. S. Atkins	C. H. Oakley Jr.	70	"	Shale 22; grey granite 49. Water at 42.
Con II	"	"	19	Jan. 12, 1960	Clay 15; sandstone 40. Water at 35.
Con II	A. Peterson	W. H. Davy & Son	18	Nov. 23, 1960	Clay 15; brown sandstone 59. Water at 45 and 56.
Con II	D. Dixon	Drilling Ltd.	15	May 24, 1963	Clay 3; blue limestone 48; granite 63. Water at 50 and 58.
Con II	E. Reid	W. H. Davy & Son	8	Nov. 27, 1962	Previously drilled 63; red granite 113; white rock 176. Water at 170.
Con II	E. Campbell	C. Goodberry Well Drilling Ltd.	25	Dec. 17, 1964	Topsoil 1; grey limestone 50. Water at 47.
Con II	"	"	5	"	Water at 101, 182 and 234.
Con III	J. P. Corkey	"	46	Aug. 18, 1960	Topsoil 1; broken rock 8; blue limestone 46. Water at 31 and 42.
Con III	C. Cumpson	"	174	Nov. 12, 1963	Clay 4; grey limestone 44. Water at 40.
Con III	"	"	32	Jul. 23, 1960	Loam 1; blue limestone 128. Water at 120.
Con III	E. Garrett	"	25	May 24, 1961	Topsoil 1; broken rock 8; blue limestone 118; granite 197. Water at 186 and 195.
Con III	R. Arthur	"	13	Jul. 9, 1960	Previously drilled 146; red grey granite 208. Water at 160 and 195.
Con III	D. Arthur	"	42	Oct. 30, 1960	Sand 7; broken rock 15; blue limestone 59. Water at 47.
Con III	S. S. # 2	"	14	Aug. 3, 1961	Grey sandstone 45. Water at 35.
Con III	H. Holmes	"	15	Oct. 3, 1961	Shale 9; red green granite mixed 50. Water at 44.
Con III	W. Duff	W. H. Davy & Son	10	Oct. 13, 1961	Topsoil 2; blue limestone 120. Water at 85.
Con III	"	"	30	Oct. 29, 1964	Sand 3; broken rock 8; grey limestone 86. Water at 75 and 85.
Con III	Sonneveld Bros	C. Goodberry Well Drilling Ltd.	6	Oct. 29, 1964	Clay boulders 16; grey sandstone 60; granite 67. Water at 58.
Con IV	"	"	20	"	Shale 9; grey granite 101. Water at 94.
Con IV	S. Sargent	W. H. Davy & Son	45	Sep. 12, 1961	Topsoil 1; clay 7; limestone 85; red granite 123. Water at 116.
Con IV	S. O'Neill	"	30	Jun. 18, 1963	Clay 2; blue limestone 77. Water at 70.
Con IV	P. Gibson	"	120	Apr. 25, 1960	Loam 6; white limestone 48; soft brown rock 50; white limestone 65. Water at 49.
Con IV	E. Lake	C. Goodberry Well Drilling Ltd.	3	Dec. 19, 1960	Clay 20; red granite 106. Water at 60.
Con IV	W. Jones	W. H. Davy & Son	15	Aug. 11, 1962	Shale 20; limestone 60. Water at 48.
Con V	"	"	23	"	Clay shale 3; grey limestone 54. Water at 45.
Con V	R. C. Beck	C. Goodberry Well Drilling Ltd.	20	Dec. 16, 1961	Shale 11; blue limestone 93. Water at 85.
Con V	F. Keeler	W. H. Davy & Son	85	Aug. 13, 1960	Blue clay 18; white limestone 100. Dry hole.
Con VI	W. Green	E. C. Wales	65	Dec. 6, 1960	Clay silt 58; white sandstone 75. Water at 74.
Con VI	S. S. # 12	"	3	"	Blue clay 61; white sandstone 157. Dry hole.
Con VI	"	"	16	"	Blue clay 18; white limestone 67. Water at 41.
Con VI	R. Smith	C. Goodberry Well Drilling Ltd.	4	Jan. 29, 1964	"
Con VII	"	"	2	Jul. 2, 1960	"
Con VII	W. Kenward	E. C. Wales	60	Jul. 6, 1962	"
Con VII	J. Young	"	2	Jul. 6, 1962	"
Con VII	L. Aylesworth	W. H. Davy & Son	5	May 26, 1963	"
Con VII	E. Smith	J. Knox	80	Jun. 15, 1960	"
Con VII	N. Fitzgerald	C. Goodberry Well Drilling Ltd.	30	Sep. 8, 1961	"
Con VII	"	"	15	Jul. 15, 1963	"
Con VII	R. Ritchie	W. H. Davy & Son	6	Jul. 2, 1963	"
Con VII	E. Smith	"	15	"	"

1.2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 to 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
FRANKLIN COUNTY - cont.										
Storrington Twp. - cont.										
Con VII	P. Potter	R.C. Wales	Jul. 29, 1963	6	1	48	14	Fresh	D	Clay 5; grey limestone 48. Water at 32.
Con VII	Lt 13	W.H. Davy & Son	Aug. 6, 1964	6	2 1/2	84	22	"	D	Loam 2; blue limestone 84. Water at 70.
Con VII	J. Wardell	J. Knox	Sep. 22, 1962	6	7	35	23	"	D	Blue clay 2; sandy gravel 4; fine sand 80. Water at 100.
Con VII	T. Hammond	C.W. Jones	Apr. 27, 1963	6	10	35	23	"	D	Clay 1; hardpan 1 1/2; granite 49. Water at 46.
Con VII	L. Shephard	C. Goodberry Well Drilling Ltd.	Dec. 7, 1962	6	8	50	25	"	D	Clay 1; blue limestone 65. Water at 82.
Con VII	G. Campbell	W.H. Davy & Son	May 17, 1963	6	30	18	14	"	S	Clay 8; blue limestone 54. Water at 38 and 46.
Con VII	P. Jackson	"	May 14, 1963	6	20	20	14	"	S	Blue limestone 70. Water at 35 and 65.
Con VII	F. Buschert	C. Goodberry Well Drilling Ltd.	Nov. 21, 1961	6	5	100	20	"	D	Sandstone 1; blue limestone 106. Water at 90 and 102.
Con VII	K. McKechin	W.H. Davy & Son	Jun. 8, 1962	6	6	55	24	"	D	Loam 2; blue limestone 62. Water at 53.
Con VII	R. James	"	Oct. 22, 1962	6	4	46	6	"	D	Shale 1; blue limestone 69. Water at 44.
Con VII	W. McKechin	"	Jun. 20, 1962	6	2	63	33	"	D	Shale 6; blue limestone 63. Water at 53.
Con VII	J. McCafferty	Stone & Stone	Jan. 20, 1964	6	1	60	8	"	D	Loam 5; shale 8; grey limestone 40; brown limestone 60. Water at 50.
Con VIII	J. Cousineau	C. Goodberry Well Drilling Ltd.	Dec. 19, 1960	6	8	27	20	"	D	Clay 12; sandstone 43. Water at 40.
Con VIII	E. Ritchie	W.H. Davy & Son	Sep. 27, 1961	6	20	65	65	"	D	Blue limestone 80. Water at 75.
Con VIII	R. Miller	"	Dec. 20, 1961	6	12	28	16	"	D	Loam 7; sandstone 60. Water at 57.
Con VIII	S. Scott	"	Jun. 8, 1963	6	20	22	18	"	S	Blue clay 6; shale 17; sandstone 72. Water at 66.
Con VIII	J. Clark	"	Sep. 30, 1964	6	6	74	15	"	S	Clay 20; sandstone 74. Water at 68.
Con VIII	C. F. Story	"	Oct. 30, 1963	6	10	35	18	"	D	Clay 12; sandstone 56. Water at 40.
Con VIII	B. Murphy	"	Oct. 11, 1962	6	10	30	19	"	D	Clay 9; shale 18; sandstone 51. Water at 47.
Con IX	A. McElroy	"	Mar. 15, 1960	6	15	100	42	"	D	Shale 26; blue limestone 100. Water at 97.
Con IX	C. Shannon	"	Mar. 22, 1960	6	13	76	58	"	S	Shale 9; blue limestone 98. Water at 90.
Con IX	C. Caird	"	Mar. 25, 1960	6	15	11	46	"	D	Loam 1; sandstone 8; red granite 38. Water at 32.
Con IX	J. G. Gledow	"	Dec. 22, 1961	6	12	54	46	"	D	Shale 22; blue limestone 79. Water at 77.
Con IX	W. Noble	"	Feb. 27, 1964	6	10	42	35	"	D	Shale 9; sandstone 35; black granite 42. Water at 37.
Con IX	J. Miller	"	Aug. 20, 1960	6	3	92	42	"	D	Old Well 52; red granite 92. Water at 52.
Con IX	C. Eurtch	"	Aug. 26, 1960	6	5	119	43	"	D	Previously drilled 70; red granite 119. Water at 87.
Con IX	A. Hobb	C. Goodberry Well Drilling Ltd.	May 28, 1962	6	20	50	38	"	D	Topsoil 3; blue limestone 40; red granite 63. Water at 60.
Con IX	D. Williams	"	Oct. 31, 1963	6	10	33	18	"	D	Topsoil 2; blue limestone 51. Water at 35, 45 and 48.
Con IX	C. Simpson	"	Nov. 5, 1963	6	15	73	46	"	D	Clay 2; blue limestone 88; sandstone 93. Water at 88.
Con IX	R. Lake	W.H. Davy & Son	Jul. 16, 1960	6	20	25	25	"	D	Clay 4; red granite 88. Water at 86.
Con IX	R. Convery Jr.	"	Oct. 13, 1960	6	15	21	15	"	D	Blue clay 3; sand stone 29; red granite 36. Water at 34.
Con IX	C. Convery Jr.	C. Goodberry Well Drilling Ltd.	May 12, 1962	6	25	20	10	"	D	Sand 2; white limestone 12; black rock 20; red rock 69; black white rock 71; brown rock 80. Water at 20, 55 and 71.
Con IX	W. Stoness	"	Dec. 3, 1963	6	10	63	20	"	D	Clay 2; red granite 63. Water at 50.
Con IX	M. Harris	W.H. Davy & Son	Jun. 1, 1964	6	5	82	6	"	D	Hill sand 3; white limestone 82. Water at 54.
Con IX	P. Miller	"	Jun. 9, 1964	6	7	55	9	"	D	Clay 4; red blue granite 55. Water at 51.
Con IX	J. R. Baikte	"	Jun. 23, 1964	6	20	26	23	"	D	Red granite 111. Water at 109.
Con IX	J. Emis	"	Sep. 30, 1963	6	20	35	30	"	D	Clay 6; red granite 50. Water at 45.
Con IX	F. R. Baikte	"	Sep. 25, 1964	6	20	29	26	"	D	Clay 3; red granite 85. Water at 81.
Con IX	C. Amodeo	"	Jun. 5, 1963	6	5	55	23	"	D	Shale 18; grey granite 55. Water at 49.
Con IX	S. A. Salamone	"	Jul. 1, 1964	6	30	22	19	"	D	Shale 6; black granite 50. Water at 47.
Con IX	A. Knight	"	Jul. 4, 1964	6	30	9	30	"	D	Shale 10; white limestone 23; grey granite 36. Water at 34.
Con IX	J. Cookin	"	Feb. 25, 1964	6	30	31	30	"	D	Shale 12; white limestone 154. Water at 151.
Con IX	E. Lake	"	Nov. 14, 1962	6	20	12	5	"	D	Clay 8; black granite 49. Water at 38.



FRONTENAC COUNTY - cont.  
Storrington Twp. cont.

Con X	lot 1	K. Chrissley	W.H. Davy & Son	Nov. 15, 1962	6	20	14	7	Fresh	D	Clay 4; limestone 45. Water at 35.
Con X	" 29	E. Mallen	C. Goodberry Well Drilling Ltd.	Dec. 7, 1962	6	15	80	38	"	D	Clay 11; sandstone 25; white limestone 90; quartz 100. Water at 90.
Con X	" 29	J.F. Sherman	C.W. Jones	Aug. 4, 1964	6	5	30	30	"	D	Sand, scall 10; grey limestone 30; white limestone 90. Water at 97.
Con X	" 29	B. Bowden	"	Aug. 31, 1964	6	3	69	20	"	D	Grey granite 40; black granite 69. Water at 50.
Con X	" 30	S. Warren	"	Aug. 6, 1964	6	12	12	12	"	D	Sandy soil 1; limestone 52. Water at 49.
Con X	" 32	K. Hetzlerink	W.H. Davy & Son	Jun. 2, 1962	6	8	85	36	"	D	Clay gravel 34; white limestone 85. Water at 70.
Con XII	" 18	K. McKain	"	Jul. 5, 1962	6	10	13	10	"	D	Clay sand 19; red granite 57. Water at 53.
Con XII	" 21	H. Jackson	"	Nov. 20, 1962	6	10	60	8	"	D	Sand 4; red granite 60. Water at 57.
Con XII	" 22	G. Jackson	J. Knox	May 15, 1963	6	100	12	12	"	D, S	Topsoil 4; sandstone 116; granite 118. Water from 75 to 115.
Con XII	" 26	B.G. Cousens	W.H. Davy & Son	Jul. 1, 1964	6	5	151	12	"	S	Clay 9; red black granite 51. Water at 35.
PKT Con VII	" 12	J. Collier	J. Knox	Dec. 6, 1960	6	1	157	14	"	S	Topsoil 4; blue limestone 157. Water at 38.
PKT Con VII	" 14	G. Ennis	"	Nov. 19, 1960	6	1	36	12	"	D	Topsoil 3; blue clay 56. Water at 25.
PKT Con VII	" 16	G. Rose	"	Feb. 1, 1961	6	10	12	12	"	D	Shale limestone 10; blue limestone 30. Water at 27.
PKT Con VII	" 27	H. Lyon	"	Jul. 2, 1960	6	5	25	16	"	D	Topsoil 1; shale limestone 10; blue limestone 30. Water at 25.
Malpe Island											
Con IV	lot 1	C. McAllister	W.H. Davy & Son	Dec. 29, 1962	6						Blue clay 9; blue limestone 61. Dry hole.
Con IV	" 1	"	"	Dec. 30, 1962	6						Blue clay 9; blue limestone 50. Dry hole.
Con IV	" 5	E. Hogan	C. Goodberry Well Drilling Ltd.	Dec. 9, 1963	6						Clay 10; blue limestone 50. Dry hole. Gas.
Con IV	" 5	"	"	Dec. 14, 1963	6	1	34	6	Fresh	D	Clay 10; blue limestone 53. Dry hole. Gas.
Con IV	" 5	M.C. Sales	G.H. Chalk Jr.	Sep. 3, 1960	6						Clay 4; limestone 34. Water at 30.
Con VII	" 3	E. MacDonald	C. Goodberry Well Drilling Ltd.	Jul. 18, 1963	6						Clay 6; blue limestone 34. Dry hole.
Con VII	" 3	E. White	"	Jul. 31, 1963	6	3	40	12	Sulphur	D	Topsoil 2; blue limestone 46. Water at 41.
Con VII	" 3	W. Jeronimus	"	Sep. 3, 1963	6	20	78	20	Salty	N	Clay 2; limestone 79.
Con VII	" 2	E. Landon	"	Jul. 16, 1963	6	20	9	41	Fresh	D	Clay 2; blue limestone 25. Water at 20.
Con VII	" 3	K. Fawcett	G.H. Chalk Jr.	Nov. 4, 1960	6	4	35	6	"	D	Clay 18; grey limestone 52. Dry hole.
Con VII	" 3	K. Gurnsey	"	Oct. 17, 1960	6	4	35	6	"	D	Clay 7; grey limestone 35. Water at 21.
Con VII	" 4	E. MacDonald	C. Goodberry Well Drilling Ltd.	Aug. 22, 1963	6	10	80	45	Sulphur	D, S	Clay 22; blue limestone 104. Water at 102.
Con XI	" 4	Wolfe Island Inn	G.H. Chalk Jr.	Sep. 5, 1961	6	1	32	6	"	F	Clay 4; grey limestone 32. Water at 25.
Con X	" 4	"	C. Goodberry Well Drilling Ltd.	Jul. 26, 1963	6						Blue limestone 50. Dry hole.
Con XI	" 3	K. Fawcett	G.H. Chalk Jr.	Nov. 4, 1960	6	10	30	10 1/2	Fresh	D, S	Clay 18; grey limestone 52. Dry hole.
Con XI	" 3	B. Docteur	C. Goodberry Well Drilling Ltd.	Jul. 16, 1963	6						Clay 21; blue limestone 46. Water at 44.
Con XII	" 1	B. Docteur	"	Jul. 10, 1963	6						Clay boulders 14; blue limestone 45. Water at 45. Gas.
Con XII	" 1	A.B. Mason	"	Jul. 18, 1963	6	7	22	11 1/2	Fresh	N	Clay boulders 12; blue limestone 34. Water at 30.
Con XII	" 1	K. Woodson	"	May 16, 1960	6	20	15	10	"	S	Clay 14; blue limestone 55. Water at 45.
Con XII	" 7	K. Woodson	W.H. Davy & Son	Sep. 1, 1962	6					P	Clay 3; blue limestone 173. Dry hole.
Con XII	" 7	K. Woodson	G.H. Chalk Jr.	Aug. 27, 1961	6						Dug well 19; grey limestone 79. Dry hole.
Con IV	" 8	C. Fawcett	"	Aug. 18, 1961	6						Clay 16; grey limestone 60. Dry hole.
Con IV	" 8	"	"	Aug. 22, 1961	6						Clay 2; shale 7; grey limestone 50. Dry hole.
Con IV	" 11	G. Bennett	C. Goodberry Well Drilling Ltd.	Jun. 16, 1962	6						Clay 1; blue limestone 31. Dry hole.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PRINCE GEORGE COUNTY - cont. Neale Island Twp. cont.	J. Hulton	G.H.Chalk Jr.	Dec.14,1960	6						Clay 4:grey limestone 59. Dry hole.
	SLS Con VI lot 1	"	Oct.26,1960	6						Clay 6:grey limestone 56. Dry hole.
	J. Karremans	"	Jul.21,1961	6	1	60	20	Sulphur	D,S	Clay 10:grey limestone 60. Water at 58.
	SLS Con VI	J. Hulton	Jun.15,1964	6	40		6	Fresh	D,S	Sand boulders 16:limestone 55. Water at 25.
	SLS Con VI	C. Goodberry Well Drilling Ltd.	Nov.16,1960	6	30	55	20	Sulphur	D	Clay 7:grey limestone 55. Water at 50.
	SLS Con VI	G.H.Chalk Jr.	Jul.19,1961	6						Clay 4:grey limestone 83. Dry hole.
	L. Devette	"	Jul.19,1961	6						Clay 3:grey limestone 60. Dry hole.
	SLS Con VI	"	Aug. 9,1961	6						Clay 5:shale 11:grey limestone 45. Dry hole.
	J.A.Devette	"	Aug.11,1961	6						Clay 8:shale 11:grey limestone 56. Dry hole.
	"	"	Aug.16,1961	6						Clay 5:grey limestone 60. Dry hole.
	SLS Con VI	"	Aug.16,1961	6						Topsoil 1:clay 10:limestone 41. Water at 38.
	SLS Con VI	C. Goodberry Well Drilling Ltd.	Aug. 2,1963	6	<1/2	36	11	Fresh	D	Topsoil 1:clay 10:limestone 41. Water at 38.
	SLS Con VII	"	Aug. 7,1963	6						Topsoil 1:clay 10:blue limestone 54. Dry hole.
	S. Pietak	G.H.Chalk Jr.	Nov.30,1960	6	<1/2	84	15	Gas	D,S	Clay 10:grey limestone 84. Water at 30.
	SLS Con VII	C. Goodberry Well Drilling Ltd.	Jun.10,1964	6	3	76	65	Salty	N	Clay 6:limestone 83. Water at 82.
	P. Vansal	"	Nov.23,1960	6	1 1/2	150	10	Fresh	D,S	Dug well 14:grey limestone 63. Dry hole.
	SLS Con VIII	G.H.Chalk Jr.	Aug.23,1963	6	30	20	9 1/2	"	D	Clay 8:limestone 150. Water at 100.
	SLS Con VIII	C. Goodberry Well Drilling Ltd.	Jul.13,1963	6						Clay gravel boulders 35:clay 43:coarse gravel 45. Water from 44 to 45.
	SLS Con XI	"	Sep.13,1960	6	3	33	10	"	D	Clay 4:limestone 33. Water at 30.
CLEVELAND COUNTY Alexandria Town	H. Kyle	G.H.Chalk Jr.	Aug.30,1961	6	32	15	12	"	D,S	Clay 1:shale 4:grey limestone 34. Water at 22.
	H. Docteur	M.H.Davy & Son	Sep.17,1964	6	1	60	8	"	D	Clay 9:blue limestone 60. Water at 55.
	V. Alarie	G.H.Chalk Jr.	Sep. 6,1960	6	1	70	10	"	D	Clay 4:limestone 70. Water at 60.
	R. White	M.H.Davy & Son	Dec.22,1962	6						Shale 3:blue limestone 82. Dry hole.
	R.P. 73	"	Oct.21,1960	6	41	20	20	Sulphur	D	Clay 6:grey limestone 41. Water at 30.
	T.D.O'Shea	G.H.Chalk Jr.	Oct.20,1960	6	57	15	15	Fresh	D	Clay 2:grey limestone 57. Water at 30.
	R.P. 73	"	Jul.16,1961	6	60	15	15	Sulphur	D	Clay 2:grey limestone 60. Water at 33.
	D. Greenwood	"	Aug.31,1961	6	<1/2	22	7	Fresh	P	Clay 5:shale 9:grey limestone 22. Water at 20.
	Trinity	"	"							
	Anglican Church	"	Sep. 4,1961	6	3	32	10	"	D	Clay 3:grey limestone 32. Water at 20.
	H. Gurnsey	C. Goodberry Well Drilling Ltd.	Sep.11,1963	6						Topsoil 1:clay 2:limestone 100. Dry hole.
	C. Nyks	"	Sep.11,1963	6						
	R.P. 73	"	Sep.14,1963	6	3	28	14	"	D	Topsoil 1:blue limestone 32. Water at 28.
	J. Hasselaar	G.H.Chalk Jr.	Dec. 9,1960	6	2	97	30	"	D,S	Clay shale 4:grey limestone 97. Water at 65.
	M. Staley	C. Goodberry Well Drilling Ltd.	Jul.24,1963	6	2 1/2	68	21	Sulphur	S	Blue limestone 70. Water at 65.
	O. Greenwood	"	May 9,1961	6						Blue clay 4:blue limestone 150. Dry hole.
	K. Beatty	W.H.Davy & Son	May 10,1961	6						Blue clay 3:blue limestone 43. Dry hole.
	S.I.	"	"							
	S.I.	"	"							
ALEXANDRIA TOWN	J. Wightman	R.H.Casselman	Aug.29,1961	5	5	70	17	Fresh	D	Dug well 27:clay gravel 31:limestone 139. Water at 95.
	G. Trotter	"	Oct.26,1961	5	7	60	13	"	D	Old dug well 12:gravel clay sand 29:limestone 62. Water at 50.
	A. Delorme	A. Cayer	Jul.23,1962	4	5	26	11	"	D	Dug well 14:hardpan 22:soft limestone 38:sandy rock. Water at 38.
	Alexandria Town	"	"							





# APPENDIX C — RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
GLENGARRY COUNTY - cont.										
Charlottenburg Twp. cont.										
LP Con I lot 1	P.F. Fulton	A. Bourdon	Nov. 9, 1961	5	10	7			D	Clay stone 40; gravel 50. Water at 40.
LP Con I lot 1	R. Lapetina	"	Nov. 13, 1961	5	8	10		Fresh	D	Clay sand 29; gravel 30. Water at 29.
LP Con I lot 2	Ont. St. Lawrence Dev. Co. Inc.	R.H. Casselman	Feb. 7, 1962	5	15	45	29	"	P	Boulder hardpan 54; clay gravel 71; grey limestone 176. Water at 166.
LP Con I lot 3	"	"	Jan. 5, 1960	5	20	42	36	"	P	Boulder hardpan 56; hardpan gravel 68; clay hardpan 91; limestone 192. Water at 182.
LP Con I lot 3	"	"	May 12, 1962	5	20	18	17	"	P	Boulder till 32; gravel clay sand boulders 50; gravel clay sand 66; light grey limestone 145; grey limestone 229. Water at 145 and 220.
LP Con I lot 3	"	"	Feb. 9, 1962	5	20	35	27	"	P	Boulder clay gravel 13; hardpan gravel 85; hardpan sand 94; grey limestone 170; brown limestone 188. Water at 178.
LP Con I lot 5	A. Dumont	A. Bourdon	May 7, 1962	5	6	16	8	"	D	Clay boulders 15; clay gravel 40; muck 47; gravel 72. Water at 55.
LP Con I lot 8	W. Day	Roy & Son Reg'd	Aug. 17, 1963	2	6	50	22	"	D	Clay 12; hardpan boulders 102; grey limestone 151. Water at 151.
LP Con I lot 8	H. Currier	"	Nov. 2, 1963	2	8	24	24	"	D	Hardpan boulders 105; grey limestone 140. Water at 140.
LP Con I lot 8	R.C. Hartle	"	Sep. 21, 1964	2	7	24	12	"	D	Clay 8; hardpan boulders 124; limestone 141. Water at 141.
LP Con I lot 9	A. Kurn	A. Bourdon	Oct. 10, 1961	5	8	8	8	"	D	Clay stone 23; clay gravel 4; sand gravel 52; coarse gravel 64. Water at 55.
LP Con I lot 11	W. Johnston	Roy & Son Reg'd	Mar. 27, 1961	5	60	7	2	"	D	Clay boulders 30; hardpan 48; grey limestone 70. Water at 70.
LP Con I lot 14	R. Cornburn	A. Bourdon	Aug. 5, 1962	5	6	6	5	"	D	Clay 20; gravel boulders 45; black rock 51. Water at 47.
LP Con I lot 15	E. Lefebvre	Roy & Son Reg'd	Sep. 8, 1964	2	7	20	5	"	D	Clay 7; hardpan 45; limestone 58. Water at 58.
LP Con I lot 22	Parco Vlg. Hotel	"	Oct. 3, 1964	2	12	24	5	"	P	Clay 6; hardpan 42; limestone 68. Water at 68.
LP Con I lot 23	T. DesJardins	A. Bourdon	Apr. 18, 1962	5	6	12		"	P	Clay stones 20; gravel 42; black rock 50. Water at 42.
LP Con I lot 26	A. Lalonde	"	Jul. 18, 1961	5	6	18	16	"	D, S	Clay stone 22; clay gravel 56; gravel stone 62. Water at 56.
LP Con II lot 2	V. Letourville	"	Nov. 17, 1960	5	6	18	8	"	D, S	Clay sand 13; stone clay 36; gravel 43. Water at 38.
LP Con II lot 2	F. Marshall	"	Nov. 14, 1960	5	10	40	19	"	D, S	Clay gravel 57; grey soft rock 68. Water at 49.
LP Con II lot 6	R.A. Smith	Roy & Son Reg'd	Nov. 5, 1962	5	10	20	18	"	D, S	Dug well 53; hardpan 43; quicksand 49; limestone 74. Water at 74.
LP Con II lot 13	A. Abrams	A. Bourdon	Oct. 5, 1960	5	5	20	20	"	D	Clay stone 20; clay gravel 40; soft black rock 54. Water at 42.
LP Con II lot 14	RCSS # 3	"	Nov. 7, 1960	5	20	19	19	"	P	Dug well 18; clay gravel 58; soft grey rock 65. Water at 50.
LP Con II lot 16	S. McMath	"	Sep. 30, 1960	5	6	12	12	"	S	Clay stone 30; gravel 38. Water at 32.
LP Con II lot 24	H. McVoy	"	Sep. 9, 1960	5	15	15	15	"	D	Stone clay 15; clay stone 30; gravel clay 48; gravel 53. Water 48.
LP Con II lot 24	R.E. Foster	Roy & Son Reg'd	Oct. 30, 1964	2	6	25	14	"	D	Clay 8; hardpan 53; limestone 83. Water at 83.
LP Con III lot 7	G.B. Croll	"	Sep. 24, 1960	6	5	25	21	"	D	Dug well 28; hardpan 31; grey limestone 104. Water at 104.
LP Con III lot 6	A. Bontover	"	Oct. 13, 1964	5	8	70	32	"	D, S	Clay 8; hardpan boulders 57; limestone 93. Water at 93.
LP Con IV lot 7	J. MacGillivray	C. Bourgeois	May 13, 1964	4	4	40	12	"	D	Dug well 20; hardpan 44; gravel 45; grey rock 65. Water at 63.
LP Con V lot 3	D. McLeilan	R.H. Casselman	Dec. 6, 1960	5	13	58	36	"	D, S	Sandy hardpan boulders 56; grey limestone 105. Water at 100.
LP Con V lot 20	C.T. Grant	Roy & Son Reg'd	Jul. 14, 1964	6	8	25	15	"	D	Dug well 21; hardpan boulders 59. Water at 59.
LP Con V lot 22	D.G. Wood	"	Aug. 12, 1964	5	8	24	12	"	D	Hardpan boulders 64; limestone 98. Water at 98.
LP Con V lot 23	M. Trainor	"	Sep. 22, 1964	5	9	24	16	"	D	Hardpan boulders 48; limestone 73. Water at 73.
LP Con V lot 49	L. Lefebvre	"	Oct. 3, 1964	5	8	60	15	"	D, S	Clay 10; hardpan boulders 48; limestone 64. Water at 64.
LP Con VII lot 5	T.O. Connor	A. Bourdon	Jun. 1, 1961	5	6	22	22	"	D, S	Sand clay 22; grey rock 54. Water at 22.
LP Con VII lot 7	Iona Academy	R.H. Casselman	Jan. 15, 1962	6	1	270	46	"	P	Boulder clay 27; limestone 284. Water at 103, 205 and 275.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
GLENGARRY COUNTY -cont. Charlottesville, Twp cd. RR# 1	H. Bachower	H. Casselman	May 6, 1960	5	17	26	13	Fresh	D	Clay sand 13; boulder clay 30; hardpan gravel 54; limestone 98. Water at 88.
" 54	G. Croll	R. Bourgeois	Jun. 20, 1963	4	5	50	15	"	D	Red clay 15; blue clay 45; hardpan 50; sand gravel 55; grey rock 70. Water at 65.
" 55	E. Miner	Roy & Son Reg'd	Oct. 11, 1960	6	7	40	7	"	D	Blue clay 40; quicksand 47; grey limestone 110. Water at 110.
" 56	W. Gancher	A. Bourdon	Oct. 5, 1964	5	10	42	10	"	D	Clay boulders 50; gravel stone 54. Water at 50.
" 57	C. Baird	Roy & Son Reg'd	Jun. 30, 1960	2	5	30	8	"	D	Blue clay 50; hardpan 61; grey limestone 162. Water at 142.
" 58	J. Christian	A. Bourdon	Jan. 12, 1961	5	6	16	16	"	D	Hardpan 47; soft black rock 130; grey rock 137. Water at 132.
" 59	"	G. Eusebeis	Dec. 15, 1964	5	5	20	20	"	D	Dug well 27; hardpan 40; sand gravel 45; grey rock 47. Water at 46.
" 60	R. Meloche	R. Bourgeois	Jul. 15, 1963	4	3	37	20	"	D	Yellow topsoil 20; hardpan boulders 39; gravel 47; grey rock 48. Water at 47.
" 61	J. Stuart	G. Bourgeois	Nov. 4, 1964	4	5	15	20	"	D	Hardpan 21; limestone 47. Water at 41.
" 62	R. Major	R. Bourgeois	May 20, 1963	5	2	40	16	"	D	Hardpan 80; gravel 84; grey rock 98. Water at 95.
" 63	V.M. Phillips	A. Bourgeois	Jul. 11, 1963	5	4	85	35	"	D	Clay gravel 35; boulders sand 45; gravel 65. Water at 65.
" 64	H. Giroux	R. Bourgeois	Sep. 23, 1964	5	6	47	18	"	D	Clay boulders 25; clay boulders gravel 41; rock layers 50; limestone 371. Dry hole.
" 65	Entwistle Constr. Ltd. Bell Telephone	R.H. Casselman	Aug. 19, 1961	5	6	47	18	"	D	Clay boulders 29; clay gravel sand 41; limestone 62. Water at 55.
" 66	"	"	Nov. 4, 1961	5	15	40	21	"	P	Sandy loam 6; hardpan 30; grey limestone 69. Water at 67.
" 67	SP. Andrew's United Church	Perguson Thresher Co.	Sep. 10, 1963	5	4	30	16	"	D	Clay stone 15; gravel sand 40. Water at 38.
" 68	G. Spink	A. Bourdon	Jun. 22, 1960	5	4	15	13	"	D	Clay stone 20; boulders gravel 41; gravel 50. Water at 45.
" 69	P. Archambault	"	Jul. 23, 1964	5	6	34	16	"	D	Clay gravel 30; gravel 40; clay gravel 50. Water at 40.
" 70	J. Krol	"	Sep. 19, 1964	5	8	42	8	"	D	Coarse gravel 36. Water at 30.
" 71	W. McNaughton	"	Nov. 2, 1960	5	10	18	18	"	D	Hardpan stone 50; hardpan 60; sand hardpan 65; grey rock 70. Water at 69.
" 72	R. Beaufre	Cayer & Cayer	Nov. 29, 1961	4	10	50	35	"	D	Clay stone 30; stone boulder 52; rock 68. Water at 42.
" 73	W. McNaughton	A. Bourdon	Dec. 9, 1964	5	5	48	20	"	S	Hardpan boulders 46; grey limestone 168. Water at 168.
" 74	H. Whinnie	Roy & Son Reg'd	Dec. 18, 1961	2	4	70	26	"	D	Clay boulders 20; sand gravel 58; rock 68. Water at 58.
" 75	B. Chretien	A. Bourdon	Aug. 25, 1964	5	6	35	33	"	D	Dug well 50; grey rock 70. Water at 65.
" 76	A. King	"	Dec. 4, 1964	5	5	45	25	"	D	Blue clay 4; hardpan 57; grey limestone 77. Water at 77.
" 77	O. Boileau	Roy & Son Reg'd	Jun. 24, 1960	2	10	20	6	"	D	Stones red soil 12; grey gravel 33; grey limestone 66. Water at 66.
Kenyon Twp. Con I	H. Sabourin	Steeves Well Drilling Reg'd	May 28, 1964	6	17	20	9	Fresh	D	Clay stone 20; stone gravel 46; gravel 48. Water at 46.
" 78	D. Gill	A. Bourdon	Aug. 5, 1963	5	4	16	16	"	D	Dug well 30; coarse gravel 42; limestone 56. Water at 56.
" 79	C. MacColloch	Roy & Son Reg'd	Aug. 22, 1962	2	4	20	10	"	D	Hardpan boulders 65; limestone 192. Water at 192.
" 80	G.E. Powell	"	Aug. 20, 1962	2	4	24	15	"	D	Gravel 6; dark sandy soil stones 25; hardpan large boulders 73; dark grey limestone 98. Water at 90.
" 81	Apple Hill Separate School Board	Perguson Thresher Co.	Aug. 25, 1960	5	4	55	30	"	P	Sandy loam 7; hardpan stones 37; grey limestone 53. Water at 49.
" 82	P. Illingworth	"	Nov. 2, 1962	5	1	53	12	"	D	Hardpan 33; grey limestone 42. Water at 39.
" 83	R. Ladouceur	Cayer Well Drillers	Jan. 24, 1961	5	4	33	20	"	D	Grey hardpan boulders 29; gravel sand hardpan boulders 40; grey limestone 118. Water at 110.
" 84	Cornwall & District Ry Scout Assoc.	R.H. Casselman	May 7, 1962	5	5	60	11	"	P	



GLENGARRY COUNTY - cont.  
Keryon Twp. - cont.

Con II	J. Wulndon	A. Bourdon	Jun. 8, 1963	5	8	10	10	Fresh	D	Blue clay 10; clay stone 20; gravel stone 36; black rock 49. Water at 36.
Con II	H. Sherlock	"	Jun. 18, 1963	5	5	16	16	"	D	Sand stone 10; clay gravel 30; gravel 48; black rock 61. Water at 48.
Con II	Apple Hill	"	Dec. 24, 1964	5	20	16	16	Sulphur	In	Clay stone 25; grey rock 75. Water at 65.
Con III	Graham Dairy	Steeves Well	May 11, 1962	6	8	47	22	Fresh	In	Red gravel 15; grey gravel boulders 41; fine grey gravel 49; grey shale 52; grey limestone 122. Water at 60 and 110.
Con III	Crescenty Co.	R. Bourgeois	Aug. 24, 1963	4	4	28	20	"	D	Hardpan 40; gravel sand 45; black rock 48. Water at 46.
Con III	S. Bradley	G. Lefevre	Nov. 21, 1964	6	8	11	26	"	D	Dug well 28; hardpan 38; rock 46. Water at 46.
Con III	R. Macdonell	A. Bourdon	Oct. 10, 1964	5	8	25	15	"	D, S	Clay stone 24; rock 40. Water at 25.
Con III	G. Lefevre	G. Lefevre	Dec. 1, 1964	8	4	65	12	"	D, S	Dug well 22; rock 100. Water at 100.
Con IV	J.D. Macdonell	A. Bourdon	Sep. 27, 1962	5	5	18	18	"	D, S	Clay stone 20; gravel stone 45; black rock 51. Water at 45.
Con IV	D. Gill	H.H. Casselman	Jan. 17, 1962	5	10	92	28	"	S	Old dug well 25; clay gravel 59; limestone 231. Water at 225.
Con IV	H. McDougal	"	Jan. 14, 1961	5	15	66	33	"	D, S	Old well 43; clay sand 49; boulder hardpan 59; grey limestone 116. Water at 106.
Con IV	W.M. McKernan	"	Aug. 4, 1960	5	2	47	2	"	D	Sandy loam 17; hardpan 21; grey limestone 47. Water at 45.
Con IV	R. MacDonald	Ferguson Thresher Co.	Nov. 21, 1962	5	6	12	8	"	P	Clay gravel 20; sand gravel 24; grey rock 64; soft rock 74.
Con V	Separate School #15	A. Bourdon	Jan. 12, 1961	6	50	54	26	"	D, S	Red topsoil 12; red gravel boulders 16; grey gravel 42; grey limestone 77. Water at 75.
Con V	J.A. MacDonald	Trudeau & Son Ltd.	Aug. 13, 1960	5	2 1/2	54	8	"	D	Hardpan stones 35; grey limestone 54. Water at 54.
Con V	A. Osborne	Ferguson Thresher Co.	Jan. 21, 1961	6	8	45	27	"	D	Topsoil stones 18; grey gravel 52; grey limestone 64. Water at 62.
Con VI	W. Hay	Trudeau & Son Ltd.	Dec. 9, 1964	5	3	50	10	"	D, S	Hardpan 12; limestone 35; black rock 60. Water at 45.
Con VI	H. McInnes	M. Cayer	Jan. 19, 1963	5	3	44	12	"	D	Boulder till 7; soil 39; clay gravel 42; limestone 44. Water at 43.
Con VII	W.V. Sparks	R.H. Casselman	Oct. 10, 1962	5	3	50	22	"	D, S	Clay stone 20; gravel clay 40; gravel 54; gravel stone 80. Water at 55.
Con VIII	G. McGillis	A. Bourdon	Jul. 25, 1964	5	5	20	15	"	D	Hardpan 10; limestone 29. Water at 28.
Con IX	H. McIntosh	A. Cayer	Dec. 2, 1961	5	8	15	15	"	D	Sand stone 13; black rock 43. Water at 35.
Con IX	J.N. Catton	A. Bourdon	Oct. 20, 1962	5	1 1/2	112	8	"	S	Gravel loam 1; grey limestone 112. Water from 30 to 40.
Con IX	L. Stewart	Ferguson Thresher Co.	Jan. 24, 1964	5	8	12	12	Sulphur	D, S	Blue clay 75; sand clay 100; gravel clay 110; gravel 113. Water at 100.
Con XI	L. MacLennan	A. Bourdon	Sep. 29, 1964	5	7	61	16	Fresh	D	Clay 30; gravel clay 50; sand clay 70; coarse gravel 77. Water at 70.
Con XI	Sœur Ste. Croix	"	Sep. 11, 1962	5	1 1/2	45	12	"	S	Clay sand 10; gravel clay 23; black rock 52. Water at 23.
Con XVIII	J.B. McEwen	"	Jun. 19, 1963	5	25	6	6	"	D, S	Clay 18; gravel 20. Water at 18.
Con XIX	N. Bourgon	"	Dec. 23, 1960	5	3	180	2	"	D, S	Clay gravel 26; black rock 212. Water at 26.
IL Con XX	L. Villeneuve	"	Apr. 4, 1960	4	15	9	3	Fresh	P	Clay gravel 12; gravel boulders 40; limestone 54. Water at 44.
Lancaster Village	Bell Telephone of Canada Ltd.	R.H. Casselman	Jun. 29, 1960	5	4	7	5	"	D	Clay 30; sand clay 40; gravel 40; hard rock 50. Water at 48.
Lancaster Vlg.	G. Vieux	A. Bourdon	Jul. 6, 1960	4	15	20	4	"	D	Clay 10; hardpan 33; gravel 38. Water at 38.
Lancaster Vlg.	L.E. Tawthrop	Cayer & Cayer								

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
GLENGARRY COUNTY -cont- Lancaster Village cont	P.A.Tidman	Cayer Well Drillers	Jul.27,1960	4	20	15	10	Fresh	D	Dark sandy soil 5;hardpan stone 38;gravel 40. Water at 40.
Lancaster Vlg.	H. Kabbey	Bourgeois & Sanche	Jan.23,1961	4	5	20	8	"	D	Brown topsoil 5;grey clay 34;sand 39;grey limestone 140. Water at 139.
Lancaster Vlg.	M. Caron	Cayer Well Drillers	Jun.22,1961	4	8	25	10	"	D	Dug well 16;hardpan stone 46;sand gravel 48;limestone 52. Water at 51.
Lancaster Vlg.	A.J. Northern	R. Bourgeois	Nov.14,1962	5	15	5	5	"	D	Hardpan 38;sand 48;grey rock 49. Water at 48.
Lancaster Vlg.	St.Andrew's Presbyterian Church	"	May 29,1963	4	9	15	10	"	P	Hardpan 38;gravel 43;grey rock 51. Water at 50.
Lancaster Vlg.	H.D.Duggan	"	Jun.25,1963	5	10	8	3	"	D	Hardpan boulders 42;gravel sand 45;black rock 47. Water at 45.
Lancaster Vlg.	E. Lascelle	Hay & Son Reg'd	Sep.28,1963	2	8	20	6	"	D	Sand 10;hardpan 45;gravel 50. Water at 50.
Lancaster Vlg.	A.McArthur	R. Bourgeois	Nov.26,1963	5	15	30	25	"	D	Hardpan 47;sand gravel 50;grey rock 52. Water at 50.
Lancaster Vlg.	Post Office	A. Cayer	Apr. 1,1964	4	15	20	8	"	P	Sandy soil 15;hardpan 35;gravel 51. Water at 51.
Lancaster Vlg.	A. Lalonde	"	Aug. 3,1964	4	20	25	7	"	D	Sandy soil 8;blue clay 49;gravel 57. Water at 57.
Lancaster Vlg.	M. St.Pierre	A. Bourdon	Aug.13,1964	5	12	30	8	"	C	Clay stone 20;sand 37;gravel 38. Water at 37.
Lancaster Vlg.	M. Leach	"	Aug.28,1964	5	8	28	8	"	D	Clay 30;gravel 38. Water at 36.
Lancaster Vlg.	S.K.Kaye	"	Oct. 3,1964	5	10	30	8	"	D	Blue clay 20;gravel clay 35. Water at 30.
Lancaster Vlg.	J. Lafrance	"	Oct. 7,1964	5	10	30	8	"	D	Clay 25;stone gravel 38. Water at 36.
Lancaster Vlg.	R. Cardinal	A. Cayer	Oct.17,1964	4	3	39	16	"	D	Hardpan 22;gravel 24;limestone 39. Water at 36.
Lancaster Vlg.	M. Henri	A. Bourdon	Oct.20,1964	4	4	35	20	"	D	Dug well 19;hardpan 40;gravel 42. Water at 42.
Lancaster Vlg.	M. Filon	"	Oct.29,1964	5	8	32	16	"	D	Clay boulders 30;gravel 48. Water at 45.
Lancaster Vlg.	S.S. 3	A. Cayer	Oct.31,1964	5	15	30	12	"	D	Hardpan 36;gravel 37;rock 40. Water at 40.
Lancaster Vlg.	C. McLennan	G. Bourgeois	Dec. 1,1964	5	15	15	10	"	P	Dug well 22;hardpan 40;gravel sand 46;grey rock 51. Water at 50.
Lancaster Vlg.	J.F.Juellina	M. Cayer	Dec.21,1964	4	12	20	5	"	D	Sandy soil 8;blue clay 38;sand gravel 44. Water at 44.
Lancaster Vlg.	C. Ross	"	Dec.26,1964	4	15	15	5	"	D	Dug well 20;hardpan 38;gravel 40. Water at 40.
Lancaster Twp.	Ont.Dept. of Highways	R.H.Casselman	Jul.17,1964	8	80	3	1	Fresh	P	Sand clay 4;clay 67;clay gravel cemented 74;clay cemented 86;limestone 201. Water at 186.
Con I	"	"	Aug.18,1964	8	3	3	1	"	P	Sand clay 15;clay 65;clay gravel 70;clay gravel sand cemented 86;limestone 202. Water at 186.
Con I	H. Poirier	A. Bourdon	Jun.10,1964	5	20	25	5	"	D	Clay gravel 15;stone clay 27;boulder 30. Water at 28.
Con I	Ont.Dept. of Highways	Roy & Son Reg'd	Dec. 8,1964	6	25	40	15	"	D	Hardpan boulders 38;limestone 109. Water at 109.
Con I	S.S.Macleod	Cayer Well Drilling	Jan.10,1962	4	12	12	8	"	D	Clay 35;gravel 40;stone gravel 56;grey rock sand 57. Water at 56.
Con I	E. Pelley	"	Apr. 7,1960	4	20	8	5	"	C	Sandy soil 15;hardpan stone 45;gravel 49;hard grey limestone 53. Water at 49.
Con I	E. Hensbeck	"	Sep.14,1960	4	15	20	10	"	D	Sandy soil 6;blue clay pebbles 30;hardpan stone 40;gravel 41;limestone 43. Water at 43.
Con I	O. Williams	Bourgeois & Sanche	Feb.27,1961	4	5	3	3	"	D	Grey clay 20;coarse sand 39;grey limestone. Water at 39.
Con I	G. Lafrance	Cayer Well Drillers	Jun.15,1961	4	12	16	10	"	D	Sandy topsoil 6;hardpan 32;sand gravel 36. Water at 35.
Con I	W. Breier	"	Jun.16,1961	4	8	18	10	"	D	Sandy soil 6;hardpan 40;sand gravel 44;limestone 46. Water at 46.

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GLENGARRY COUNTY - cont.

Lochiel Twp. -cont. Con III lot 25	L. Massie	Steeve's Well Drilling Reg'd Ferguson Thresh Co.	Mar. 22, 1963	6	4	90	20	Fresh	D, S	Red gravel clay 40; grey gravel 48; grey limestone 111. Water at 109.
Con IV " 19	K. McCormack	"	Dec. 8, 1960	5	3	38	17	"	S	Sandy loam stones 4; hardpan boulders 45; slate 90. Water at 75.
Con IV " 20	R. MacMillan	Steeve's Well Drilling Reg'd	Nov. 26, 1964	6	17	35	35	"	S	Old well 30; boulders grey gravel 60; grey hard limestone 69. Water at 62.
Con IV " 23	D. Lefebvre	"	Oct. 30, 1962	6	17	22	13	"	D, S	Red boulders topsoil 21; grey gravel 31; grey limestone 71. Water at 41 and 68.
Con IV " 25	K. MacMillan	Trudeau & Sons Ltd.	Jan. 23, 1961	6	12	62	28	"	D, S	Red topsoil 14; red gravel 26; grey gravel 46; grey limestone 68. Water at 65.
Con IV " 25	C. MacMillan	Steeve's Well Drilling Reg'd	Sep. 9, 1963	6	8	60	24	"	D	Boulders sand gravel 38; grey limestone 86. Water from 48 to 84.
Con IV " 32	Public School No. 5	Trudeau & Sons Ltd.	Aug. 2, 1961	6	2	200	20	"	P	Topsoil 15; grey boulders 17; grey gravel 24; grey limestone 166; brown limestone 200. Water at 72 and 155.
Con IV " 33	T. Hay	Steeve's Well Drilling Reg'd	Aug. 23, 1963	6	4	63	11	"	D, S	Red boulders 7; grey gravel 29; grey limestone 106. Water from 50 to 101.
Con V " 11	J. E. MacMillan	"	Aug. 28, 1964	6	10	79	45	"	D, S	Red boulders 15; red gravel 35; grey gravel 92; grey limestone 99. Water at 97.
Con V " 14	D. W. Meled	G. Lefebvre	Dec. 23, 1964	6	4	29	31	"	D	Hardpan 61; rock 65. Water at 65.
Con V " 15	D. MacGillivray	Steeve's Well Drilling Reg'd	May 16, 1963	6	20	25	15	"	D, S	Red gravel sand 30; red coarse gravel 37; grey limestone 70. Water at 60.
Con V " 16	H. MacPherson	Trudeau & Sons Ferguson Thresh Co.	Dec. 22, 1960	6	17	28	28	"	D, S	Red gravel 98; grey limestone 106. Water at 104.
Con V " 5	L. MacPherson	"	Sep. 23, 1960	5	4	25	20	"	D	Stoned well 33; hardpan stones 65; gravel shale 72. Water at 72.
Con V " 20	Lorne School No 6	Trudeau & Sons Ltd.	Dec. 28, 1960	6	17	6	6	"	D	Grey clay 50; grey gravel 56. Water at 54.
Con V " 27	Quigley Cheese Mfrgr Ass.	Steeve's Well Drilling Reg'd	Nov. 28, 1963	8	5	105	20	"	In	Red topsoil 9; grey boulders 12; gravel 22; hard limestone 75; medium limestone 140; hard limestone 172; medium limestone 208. Water at 75 and 190.
Con V " 32	"	Trudeau & Sons Ltd.	Jun. 12, 1961	6	17	15	15	Sulphur	D	Red topsoil stones 12; red large gravel 14; fine grey gravel 17; hard grey limestone 140. Water at 26, 60 and 138.
Con V " 33	E. McDonald	G. Lefebvre	Oct. 16, 1964	6	4	38	44	"	S	Dug well 30; hardpan 40; rock 74. Water at 74.
Con V " 38	A. Joennette	G. Bourgeois	May 2, 1964	4	6	18	13	Fresh	S	Hardpan 44; gravel 46; grey rock 47. Water at 47.
Con VI " 16	C. MacGillivray	Ferguson Thresh Co.	Oct. 12, 1960	5	12	10	10	"	S	Clay loam stones 8; hard grey limestone 40. Water at 40.
Con VI " 20	A. Urquhart	B. Campbell	Dec. 12, 1964	5	3	30	30	"	D, S	Gravel boulders 32; shale 43; rock 121. Water at 116.
Con VII " 5	C. Irvine	G. Lefebvre	Jul. 28, 1964	6	3	30	32	"	D	Hardpan 20; sand gravel 41. Water at 41.
Con VII " 8	Recreation Committee	"	Nov. 18, 1964	6	5	30	32	"	P	Hardpan 55; gravel 60. Water at 60.
Con VII " 8	A. T. Munroe	Ferguson Thresher Co.	Sep. 17, 1960	5	4	35	25	"	D	Gravel 5; hardpan boulders 45; hardpan layers gravel 60; shale rock 62. Water at 62.
Con VII " 8	N. MacLaurin	"	Nov. 15, 1962	5	4	24	16	"	D	Gravel sand 61; layers hardpan gravel 59; grey limestone 91. Water at 87.
Con VII " 38	A. Marentette	Bourgeois & Sanche	Apr. 17, 1961	4	10	4	4	"	C	Brown topsoil 10; hardpan 12; coarse sand 14; grey limestone 46. Water at 44.
Con VII " 38	E. Hazell	E. A. Campbell	Aug. 14, 1964	5	3	25	25	"	D	Gravel 14; limestone 44. Water at 35.
Con VII " 38	E. Campbell	Ferguson Thresh Co.	Sep. 20, 1963	5	23	25	25	"	D	Sandy loam 4; hardpan 9; grey limestone 72. Water at 69.
Con VIII " 26	L. Howes	"	Sep. 30, 1963	5	10	40	15	"	S	Loam gravel 5; hardpan gravel 28; grey limestone 61. Water at 61.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964



GRENVILLE COUNTY - cont.

Cen I	Lot	Owner	Date	Acres	Flows	Fresh	D	Notes
Cen I	13	G. Besselink	Jun. 24, 1961	5	15		D	Hardpan boulders 24; limestone 77. Water at 77.
Cen I	13	R.H. Casselman	Apr. 17, 1964	4	17		D	Sandy loam 53; sandstone 69. Water at 60.
Cen I	13	C.V. Morrison	May 4, 1964	5	7		D	Sand 10; clay gravel stone 30; limestone 100. Water at 30 and 97.
Cen I	14	J. Bevan	Nov. 9, 1964	3	6	25	D	clay 10; sand 70; sandstone 80. Water at 70.
Cen I	15	E. Johnston	Sep. 21, 1962	4	20	10	D	clay 10; sand clay gravel 58; rock 64; sandstone limestone 91. Water at 85.
Cen I	15	F. Hess	Oct. 3, 1962	5	5	80	D	Clay 7; clay gravel 21; clay sand 50; rock layers 60; sandstone 92. Water at 85.
Cen I	16	R.W. Myers	Dec. 6, 1961	2	16	15	D	Gravel 14; limestone 75. Water at 75.
Cen I	17	J. Ryan	Apr. 13, 1962	2	6	21	D	Gravel boulders 34; grey limestone 91. Water at 91.
Cen I	19	R. Kurns	Sep. 7, 1960	5	5	16	D	Dug well 18; limestone 54. Water at 50.
Cen I	21	Grenville Lodge	Oct. 12, 1962	6	25	20	P	Sand clay gravel 15; boulders sand 30; sandstone 60; black granite 96. Water at 85.
Cen I	23	M. Jones	May 12, 1961	2	5	18	D	Hardpan boulders 30; coarse gravel 35; limestone quartz 143. Water at 143.
Cen I	25	W. Fox	Mar. 28, 1961	6	10	40	D	Fine sand 55; coarse gravel 66. Water at 66.
Cen I	26	U. Daniels	Sep. 24, 1964	6	12	18	D	Grey clay 7; grey granite 105. Water at 105.
Cen I	27	G.C. Lavalley	Nov. 1, 1960	5	10	30	D	Sand 3; sandstone 108. Water at 106.
Cen I	28	G. Johnston	Aug. 23, 1962	5	20	26	D	Topsoil stones 14; sandy limestone 160. Water at 70, 100 to 160.
Cen I	28	H. McDonald	Oct. 23, 1963	5	17	39	D	Topsoil 2; limestone 22; sandstone 107. Water at 100.
Cen I	28	P. Gardiner	Apr. 9, 1964	2	15	5	D	Gravel 6; sandstone quartz 75; hard limestone quartz 183. Water at 180.
Cen I	29	Acres Ready Mix Cement Co.	Jul. 11, 1960	2	6	45	In	Hardpan boulders 10; soft grey limestone 243. Water at 243.
Cen I	29	R. Laframboise	Aug. 7, 1961	4	5	28	D	Brown soil 5; hardpan 15; fine sand 20; grey limestone 34. Water at 34.
Cen I	29	F. Graham	Nov. 21, 1961	4	3	100	D	Dark sandy soil 4; grey clay pebbles stones 23; grey clay fine sand 25; grey limestone 124. Water at 24, 87 and 120.
Cen I	29	D. English	Aug. 3, 1962	5	14	50	D	Black loam 5; gravel horizon 23; black limestone 106; white sandstone 133. Water at 132.
Cen I	29	Pire Dept.	Aug. 5, 1963	6	10	60	P	Sand 8; sandstone 94. Water at 92.
Cen I	29	H. Pal	Sep. 6, 1963	5	10	25	D	Clay 16; limestone 90. Water at 88.
Cen I	29	E. Thyssen	Oct. 16, 1963	5	10	21	D	Sandy loam 4; gravel horizon 10; sandstone 59. Water at 56.
Cen I	29	K. Haley	Jun. 27, 1964	6	6	45	D	Brown sand 3; grey sandstone 78. Water at 78.
Cen I	29	M. Wilson	Jul. 22, 1964	6	6	40	D	Grey clay 10; grey sandstone 73. Water at 73.
Cen I	30	L. Sifton	Nov. 2, 1960	2	20	10	D	Fill 10; hard grey quartz 137. Water at 137.
Cen I	30	R. Smith	Jun. 19, 1962	5	10	20	D	Sand 4; sandstone 94. Water at 92.
Cen I	30	E. Vandort	Jul. 12, 1962	2	6	15	D	old adg well 12; hard limestone 60; grey granite 179. Water at 179.
Cen I	30	E. Limbeck	Aug. 17, 1962	2	4	45	D	Sandy loam 5; grey limestone 115. Water at 115.
Cen I	30	W. McKee	Aug. 13, 1963	2	4	15	D	Sandy loam 3; grey limestone 106. Water at 106.
Cen I	30	K. Wallace	Sep. 16, 1963	3	10	12	D	Sand 1; sandstone 76. Water at 74.
Cen I	30	J. Jaser	Oct. 23, 1963	2	10	20	D	Clay 16; limestone 99. Water at 97.
Cen I	30	L. Hennick	Nov. 1, 1963	2	3	21	D	Old well 5; grey limestone 108. Water at 108.
Cen I	30	H. Nolen	Aug. 2, 1964	6	6	50	D	Grey clay 10; grey sandstone 103. Water at 103.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

## GRENVILLE COUNTY - cont.

Augusta Twp. - cont.									
Con I	C. Grant	H.J. Davis	Nov. 4, 1960	4	10	25	25	D	Sand clay 18; sandstone 73. Water at 70.
Con I	K. Murphy	R.H. Miller	Mar. 6, 1964	2	16	1	1	D	Hardpan 9; soft grey limestone 48. Water at 48.
Con I	R. Houle	"	Feb. 19, 1964	2	15	5	5	D	Sand 4; white quartz 50. Water at 50.
Con I	D. Ferguson	"	Jun. 10, 1960	2	15	10	3	D	Sandy loam 10; gravel large boulders 19; hard grey limestone 67. Water at 87.
Con I	J. Baynham	R.J. Davis	Jun. 23, 1961	5	10	15	10	D	Clay 8; grey limestone 78. Water at 76.
Con I	G. Towe	"	Jun. 30, 1961	5	10	20	15	D	Clay 10; grey limestone 75. Water at 73.
Con I	H. Albrecht	"	Sep. 26, 1961	5	10	15	9	D	Clay 7; grey sandstone 65. Water at 63.
Con I	J. Ferguson	R.H. Miller	Oct. 29, 1964	2	16	15	9	D	Gravel 5; hard grey limestone 52. Water at 52.
Con I	C. Vandendries	C. Goodberry Well Drilling Ltd.	May 3, 1961	6	20	30	27	D	Brown sand 14; grey sandstone 27; brown sandstone 65. Water at 27 and 60.
Con I	K. Cameron	A.E. Morrison	Feb. 15, 1964	5	20	30	11	D	Brown sandstone 49. Water at 30 and 49.
Con I	E. Summers	I. Simzer & Son	Oct. 6, 1961	5	20	30	1	D	Dug well 10; hardpan 15; limestone 68. Water at 68.
Con I	C. Hines	"	Sep. 19, 1964	5	9	22	20	D	Hardpan boulders 18; grey limestone 72. Water at 71.
Con I	E. Haisel	"	Sep. 28, 1961	5	22	25	25	D	Hardpan boulders 11; limestone 85. Water at 85.
Con I	E. Spicer	"	Oct. 14, 1961	5	15	20	12	D	Hardpan boulders 25; limestone 80. Water at 80.
Con I	D. Robinson	"	Nov. 5, 1962	5	15	30	12	D	Hardpan 17; limestone 78. Water at 78.
Con I	E. Takako	R.H. Miller	Nov. 4, 1963	2	6	20	18	D	Old drilled well 72; soft grey limestone 126. Water at 126.
Con I	B. Knapp	R. Kenney	Nov. 25, 1960	6	3	90	12	D	Clay boulders 20; grey sandstone 90. Water at 90.
Con I	H. Leonard	H.J. Davis	May 17, 1962	5	10	25	15	D	Clay 10; limestone 70. Water at 68.
Con I	J. Butt	I. Simzer & Sons	Aug. 26, 1963	5	15	30	25	D	Hardpan boulders 17; hard grey limestone 104. Water at 103.
Con I	J.L. Colgin	R.E. Casselman	May 23, 1963	5	13	50	15	S	Loam 1; broken limestone 7; limestone 14; brown sandstone 73. Water at 68.
Con II	H. Telgen	R.H. Miller	Jun. 7, 1963	2	12	15	13	D	Limestone shale 104. Water at 104.
Con II	J. Sevenson	I. Simzer & Sons	Feb. 27, 1964	5	18	20	10	D	Dug well 15; hardpan boulders 50; grey limestone 100. Water at 99.
Con II	B. Merriman	R.H. Miller	Feb. 26, 1964	2	10	20	14	D	Soft grey limestone 106. Water at 106.
Con II	S. Sterrett	I. Simzer & Sons	Nov. 15, 1963	5	10	55	45	D	Hardpan boulders 34; grey limestone 94. Water at 93.
Con II	H. Vandervoort	C.V. Morrison	Jun. 13, 1961	4	5	20	20	D	Previously drilled 40; grey sandy limestone 89. Water at 85.
Con II	K. Nebeucht	"	Oct. 24, 1964	4	7 1/2	50	40	D	Topsoil 22; sandstone 84. Water at 80.
Con II	H. Ferguson	A.E. Morrison	Oct. 24, 1962	5	10	20	10	D	Brown sand 15; blue clay 40; coarse gravel 45; black slate 42. Water at 45 and 42.
Con II	N. Potter	H.J. Davis	Aug. 11, 1964	5	5	18	12	D	Sand 8; limestone 79. Water at 77. 62 1/2. Water at 54.
Con II	K. Knolls	R.E. Casselman	May 15, 1962	4	17	27	4 1/2	D	Sand broken limestone 11; limestone 50. Water at 48.
Con II	M. Kemp	C.V. Morrison	Oct. 28, 1960	4	20	20	20	D	Topsoil 1; sandy limestone 58. Water at 58.
Con II	B. Brower	R.H. Miller	Jul. 9, 1962	2	14	11	11	D	Sandy loam 4; grey limestone 58. Water at 58.
Con II	B. Glover	"	Sep. 27, 1963	2	8	18	13	D	Sand 1; gravel 18; grey limestone 52. Water at 52.
Con II	B. Moore	"	Oct. 30, 1963	2	18	14	14	D	Sand 1; gravel 18; grey limestone 52. Water at 52.
Con II	J. Gifford	"	Oct. 31, 1963	2	9	18	13	D	Sand 1; gravel 18; grey limestone 52. Water at 52.
Con II	M. Frazer	"	Mar. 5, 1964	2	12	15	15	D	Brown sand 1; hardpan 6; soft grey limestone 51. Water at 51.
Con II	C. Coates	"	Jun. 12, 1964	2	20	15	7	D	Sandy loam 4; grey limestone 52. Water at 52.
Con II	D. Crooke	"	Jun. 12, 1964	2	12	15	7	D	Sandy loam 4; grey limestone 52. Water at 52.
Con II	Grenville Hog Producers	R. Kenney	Aug. 5, 1964	6	10	20	12	S	Brown sand 2; blue limestone 40. Water at 40.
Con II	T.G. Carson	J.S. Dufresne Co. Ltd.	Dec. 5, 1964	2	3	35	23	D, S	Sand 15; limestone 76. Water at 72.
Con II	C. Leeder	A.E. Morrison	Nov. 9, 1962	5	15	20	3	D	Black loam 2; brown clay 6; blue clay 8; grey limestone 40. Water at 30.
Con II	B. Wieg	The Dutch Store Ltd.	Jul. 3, 1964	5	10	25	20	D	Blue clay 5; gravelly hardpan 25; limestone 52. Water at 50.

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

GRENVILLE COUNTY -cont.  
Augusta Twp. - cont.

Con	IV	lot	1	C. Chrestle	I. Sluzer & Sons	5	8	30	28	Fresh	D	
Con IV	"	2		C. Barton	J.B. Dufresne	6	5	70	27	"	D	Fine sand 6;hardpan gravel 19;grey limestone 106. Water at 105.
Con IV	"	2		B. Baldwin	C.V. Morrison	5	5	30	28	"	D	Sand 9;grey limestone 70. Water at 68.
Con IV	"	2		H. Rose	I. Sluzer & Sons	5	15	50	30	"	D	Old well 68;lime stone 118. Water at 68 and 115.
Con IV	"	3		W. Dugay	J.B. Dufresne & Co. Ltd.	6	15	105	36	"	D	Medium sand 4;hardpan 14;lime stone 120. Water at 120.
Con IV	"	3		J. Kelso	J.B. Dufresne & Co. Ltd.	6	15	105	36	"	D	Hardpan boulders 26;lime stone 97. Water at 97.
Con IV	"	4		B.E. Kelso	"	2	4	25	17	"	D	Sand 7;grey limestone 105. Water at 80.
Con IV	"	4		A. Baynham	R.H. Casselman	5	17	16	7 1/2	"	D	Boulders 32;lime stone 79. Water at 76.
Con IV	"	11		R. Johnston	"	5	17	30	22	"	D,S	Sandy loam 10;sand clay gravel 38;lime stone 58 1/2. Water at 50.
Con IV	"	12		J. Mulders Jr.	I. Sluzer & Sons	5	15	40	18	"	D	Dug well 18;sand 19;lime stone 60. Water at 50.
Con IV	"	29		G. Clark	H.L. Davis	5	10	20	22	"	D	Hardpan boulders 19;lime stone 62. Water at 62.
Con IV	"	29		M. Coville	I.L. Davis	5	8	3	3	"	D	Clay 16;grey limestone 71. Water at 69.
Con IV	"	30		A. Algonquin School	H.L. Davis	5	10	20	12	"	P	Clay 1;shale 10;lime stone 49. Water at 48.
Con IV	"	30		M. Darroch	R.E. Miller	2	6	32	24	"	D	Sand 7;lime stone 100. Water at 98.
Con IV	"	30		J. Edward	J.B. Dufresne & Co.	6	8	20	10	"	D	Old well 25;soft grey shale 84. Water at 84.
Con IV	"	32		H. Bennett	R.J. Davis	5	10	25	15	"	D,S	Clay 6;lime stone 20;sandstone 22;dolomite 40. Water at 18 and 31.
Con V	"	4		A. Skalen	I. Sluzer & Sons	5	15	40	12	"	D	Sand 8;white sandstone 25;grey sandstone 105. Water at 97.
Con V	"	5		L. Campbell	M. Meagher	4	6	34	32	"	D,S	Sand 20;hardpan boulders 57;grey limestone 100. Water at 99.
Con V	"	5		L. Black	J.B. Dufresne & Co.	4	12	25	13	"	D	Clay 64;gravel 72;lime stone 120. Water at 120.
Con V	"	8		E. Stevens	R.J. Davis	5	10	8	8	"	D,S	Boulders 34;lime stone 97. Water at 94.
Con V	"	8		G. Barton	Dutch Store Ltd.	5	10	25	6	"	D	Clay 52;grey limestone 90. Water at 88.
Con V	"	14		L. Swart	C.V. Morrison	5	5	40	20	"	D	Dug well 10;grey clay 32. Water at 30.
Con V	"	17		W. Shannon	R. Kenney	5	5	45	20	"	D	Topsail 20;lime stone 80. Water at 75.
Con V	"	23		J. Coville	C.V. Morrison	4	6	20	17	"	D	Grey clay 24;grey sand 27;grey limestone 65. Water at 65.
Con V	"	29		J. Kornetbrook	R.E. Miller	2	6	32	28	"	D	Gravel sand hardpan stones 18;lime stone 48. Water at 18 and 45.
Con V	"	29		E. Salmon	T.L. Davis	5	5	45	38	"	D	Boulders hardpan 18;gravel 20;soft grey shale 37. Water at 37.
Con V	"	30		E. Hancock	C.V. Morrison	5	10	12	10	"	D	Previously drilled 38;lime stone 68. Water at 60.
Con V	"	30		D. Sunderland	T.L. Davis	4	5	48	38	"	D	Limestone 28. Water at 14.
Con V	"	37		M. Bromware	R.J. Davis	5	10	15	8	"	D	Topsail 4;shale 14;lime stone 68. Water at 60.
Con V	"	4		D. Freer	J.B. Dufresne & Co. Ltd.	2	16	20	13	"	D,S	Sand 4;sandstone 63. Water at 61.
Con VI	"	5		L. Francis	I. Sluzer & Sons	5	4	38	36	"	D	Boulder 18;lime stone 97. Water at 93.
Con VI	"	5		T. Anstead	R.H. Casselman	5	5	38	16	"	D	Dug well 30;grey limestone 73. Water at 73.
Con VI	"	5		E. Westread	J.B. Dufresne Co.	6	10	25	15	"	S	Old well 22;gravel sand 34;grey limestone 79. Water at 66.
Con VI	"	6		J. Kirkby	R.E. Casselman	5	67	15	11	"	D	Boulders 34;lime stone 68. Water at 85.
Con VI	"	6		H. Lawrence	The Dutch Store Ltd.	5	20	20	12	"	D	Sand gravel 19;lime stone 40. Water at 38.
Con VI	"	7		R. Kelso	R.H. Casselman	5	17	18	15	"	D	Old well 13;sand gravel 16;grey limestone 40. Water at 30.
Con VI	"	8		J. Coxkin	I. Sluzer & Sons	5	15	14	13	"	D	Gravelly hardpan 27;lime stone 38. Water at 36.
Con VI	"	13		J. Prevost	R.E. Miller	5	11	24	10	"	D,S	Dug well 14;lime stone 59. Water at 50.
Con VI	"	13		M. Kawalen	R.E. Miller	2	12	15	8	"	D,S	Dug well 10;rock hardpan 26;lime stone 71. Water at 71.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
Con VI	E. Nelson	T. Davis	Jul. 1, 1961	5	5	8	4	Fresh	D	Topsoil 2; shale 7; grey limestone 67. Water at 65.
Con VI	G. Giville	"	May 25, 1960	4	10	20	15	"	D	Topsoil 2; limestone 67. Water at 60.
Con VI	P. Benson	C.V. Morrison	Aug. 31, 1962	4	8	12	12	"	D	Dark sandy topsoil 4; limestone 82. Water at 28 and 72.
Con VI	E. Lawrence	"	May 31, 1963	4	8	15	15	"	D	Dark clay 5; limestone 68. Water at 36 and 65.
Con VI	E. Lawrence	"	Nov. 15, 1963	4	5	14	14	"	D	Clay stone 12; limestone 44. Water at 40.
Con VI	J. O'Brien	"	Nov. 29, 1963	4	5	15	8	"	D	Sand 15; limestone 81. Water at 29.
Con VI	C. Dales	H.J. Davis	Apr. 1, 1961	5	5	7	7	"	D,S	Topsoil 12; grey limestone 60. Water at 58.
Con VI	M. Shuster	T. Davis	Dec. 27, 1962	5	15	9	7	"	D,S	Dug well 15; hardpan 37; limestone 88. Water at 88.
Con VI	E.K. Dineen	J.S. Dufresne & Co.	Oct. 21, 1964	6	6	24	10	"	D,S	Sand 30; boulders 42; limestone 71. Water at 69.
Con VI	A. Hall	R.H. Casselman	Dec. 15, 1961	5	30	30	26	"	D,S	Old well 22; gravel sand 24; grey limestone 70. Water at 66.
Con VI	N. Visser	W.J. Lewis	Nov. 23, 1961	5	5	30	17	"	D,S	Gravel clay 3; limestone 82. Water at 81.
Con VI	A. Dais	I. Smizer & Sons	Dec. 12, 1961	5	15	9	17	"	D,S	Clay 9; hardpan 23; limestone 101. Water at 101.
Con VI	M. Visser	"	Jul. 9, 1964	8	18	16	16	"	D,S	Previously drilled 63; grey limestone 151. Water at 150.
Con VI	M. Keweenaw	R.H. Miller	Jul. 2, 1964	8	15	15	16	"	D,S	Sandy loam 3; soft grey limestone 93. Water at 93.
Con VI	E. Baker	I. Smizer & Sons	Mar. 2, 1960	5	15	20	10	"	D,S	Hardpan 11; limestone 75. Water at 75.
Con VI	A. Plooy	R.E. Miller	Jul. 19, 1960	5	5	30	18	"	D	Old dug well 10; previously drilled 65; grey limestone 159.
Con VII	P. Elliott	H.J. Davis	Jan. 14, 1961	5	10	10	10	"	D,S	Sand 6; grey limestone 103. Water at 100.
Con VII	H. Grant	R.H. Miller	Aug. 7, 1963	4	4	40	33	"	D	Coarse gravel 10; soft grey limestone 122. Water at 122.
Con VII	G. Wajor	H.J. Davis	Aug. 10, 1964	5	10	30	24	"	D	Sand 3; limestone 117. Water at 115.
Con VII	G. Forsyth	"	Aug. 28, 1964	5	10	12	9	"	D,S	Sand 1; limestone 59. Water at 57.
Con VII	A. Salmon	"	Sep. 2, 1964	5	10	10	10	"	D,S	Sand 9; limestone 62. Water at 60.
Con VII	N. Stephenson	"	Sep. 9, 1964	5	10	13	11	"	D,S	Sand 3; limestone 59. Water at 57.
Con VII	C. Chealek	"	Sep. 30, 1960	5	10	40	30	"	D,S	Sand 15; limestone 83. Water at 80.
Con VII	C. Dales	"	May 21, 1963	5	5	22	18	"	D	Brown clay shale 10; white limestone 52. Water at 50.
Con VII	R. Wilse	T. Davis	Jan. 21, 1961	5	10	30	20	"	D,S	Clay 8; grey limestone 77. Water at 75.
Con VII	J. Tuinsara	R.H. Miller	Oct. 15, 1960	5	12	21	18	"	D,S	Hardpan boulders 42; light grey limestone 91. Water at 91.
Con VII	P. Hall	I. Smizer & Sons	Oct. 27, 1960	5	15	22	20	"	D,S	Dug well 24; hardpan 34; grey limestone 89. Water at 89.
Con VII	S. Hogavorst	R.H. Miller	Apr. 6, 1964	2	15	25	20	"	D,S	Gravel 3; hard limestone 65. Water at 65.
Con VII	J. Traynor	C.V. Morrison	Oct. 30, 1961	4	5	25	20	"	D,S	Topsoil 1; sandy limestone 37. Water at 35.
Con VII	J. Kennedy	"	May 17, 1961	4	5	Flows	Flows	"	C	Dark sandy soil 8; blue clay running sand 16; grey limestone 80.
Con VIII	R. Fonnell	"	May 22, 1961	4	5	3	3	"	D	Dark sandy soil 8; blue clay running sand 16; grey limestone 27. Water at 25.
Con VIII	W.B. Green	"	May 16, 1961	4	5	19	Flows	"	D	Dark sandy soil 8; blue clay running sand 15; grey limestone 27. Water at 25.
Con VIII	L. McVahon	"	May 20, 1961	4	5	3	3	"	D	Sandy clay 10; blue clay running sand 13; quicksand 15; grey limestone 29. Water from 26 to 29.
Con VIII	R. Brown	"	Aug. 8, 1961	4	6	12	10	"	D	Dark sandy soil 4; gravel blue clay stones 10; grey sandstone 66. Water at 62.
Con VIII	United Church Parsonage	H.J. Davis	Oct. 11, 1962	5	10			"	P	Clay 30; limestone 60. Water at 58.
Con IX	M. Stefura	J.E. Dufresne & Co.	Oct. 30, 1964	2	2	25	10	"	D,S	Sand 10; limestone 140. Water at 137.
Con IX	W. Albury	C.V. Morrison	Aug. 15, 1960	6	5	18	18	"	D	Soil 4; limestone 59. Water at 55.
Con IX	E.H. Perrin	"	Jul. 8, 1962	4	10	40	17	"	D	Soil 5; limestone 59. Water at 30 and 57.
Con IX	E. Bowen	T. Davis	Oct. 7, 1960	5	5	16	14	"	D	Clay 16; grey limestone 62. Water at 60.
Con X	E.H. Cooper	J.E. Dufresne & Co. Ltd.	Nov. 21, 1964	2	4	75	20	"	D,S	Clay 7; boulder hardpan 10; limestone 200. Water at 190.
Con X	O. Hart	H.J. Davis	Jul. 24, 1962	5	10	40	20	"	D,S	Sand 5; limestone 112. Water at 110.



GREENVILLE COUNTY -cont.

Con X	lot 27	J. Cove	lot 1	D. Davy	lot 1	H.J. Davis	lot 1	Nov. 15, 1962	6	10	21	12	12	Fresh	D.S	Sand 4; limestone 120. Water at 118. Topsoil 1; limestone 48; limestone 60. Water at 58. Dark sand soil 4; grey limestone 66. Water at 63. Limestone 60. Water at 59.
Con X	" 34	H. Ohren	" 2	G.W. Knudson	" 2	T. Davis	" 2	Jun. 25, 1962	4	5	8	8	8	"	D	Hardpan 24; rock limestone 50. Water at 35 and 48.
Con X	" 35	C. Buchanan	" 3	D. McShane	" 3	C.V. Morrison	" 3	Jun. 11, 1964	4	7	26	16	16	"	D	Sand 5; clay 22; clay gravel sand 46; rock layers sand gravel 49; limestone 90; water at 80.
Con X	" 35	I. Kinch	" 3	K. Mosley	" 3	L. Sizer & Sons	" 3	Nov. 28, 1963	5	25	18	10	10	"	D	Clay boulders 37; limestone 77. Water at 75.
Con I	lot 1	D. Davy	lot 1	G. Wright	" 3	C.V. Morrison	" 3	Apr. 15, 1964	4	7	40	30	30	"	D	Clay 10; coarse gravel 44; grey limestone 82. Water at 91. clay 15; clay gravel stones 20; limestone 104. Water at 95 and 102.
Con I	" 8	K. Davy	" 8	K. Davy	" 8	J.B. Dufresnes & Co. Ltd.	" 8	Dec. 7, 1964	6	5	60	25	25	"	D.S	Hardpan 53; limestone 80. Water at 70.
Con I	" 9	B. Holmes	" 9	B. Holmes	" 9	B. Casselman	" 9	Nov. 25, 1961	5	20	27	20	20	"	C	Boulders clay gravel 26; clay gravel 50; limestone 87. Water at 77.
Con I	" 11	S. Malmgren	" 11	S. Malmgren	" 11	C.V. Morrison	" 11	Jun. 4, 1964	4	7	25	20	20	"	D	Clay stones 33; limestone 70. Water at 68.
Con I	" 12	L. Hutchcroft	" 12	L. Hutchcroft	" 12	R.H. Miller	" 12	Aug. 17, 1961	2	9	15	15	15	"	D	Sandy loam 1; grey limestone 75. Water at 75.
Con I	" 12	A. Martin	" 12	A. Martin	" 12	B. Casselman	" 12	Dec. 16, 1961	5	17	39	32	32	"	D	Old dug well 19; boulders clay Gravel 4; rock layers 47; limestone 90. Water at 88.
Con I	" 13	N. McGowan	" 13	N. McGowan	" 13	C.V. Morrison	" 13	Jul. 22, 1963	4	5	50	15	15	"	D	Gravel clay stones 12; limestone 77. Water at 25 and 73.
Con I	" 16	S.G. Fraser	" 16	S.G. Fraser	" 16	R.H. Casselman	" 16	Apr. 12, 1960	4	5	18	18	18	"	D	Sandy soil 10; hardpan 22; coarse Gravel 26; limestone 80. Water from 70 to 80.
Con I	" 16	N. Salmon	" 16	N. Salmon	" 16	"	"	Jul. 8, 1960	5	15	30	20	20	"	D.S	Old drilled well 5. Water at 110.
Con I	" 16	M. Barr	" 16	M. Barr	" 16	"	"	Mar. 6, 1961	5	20	30	30	30	"	D	Boulder hardpan 15; boulders Gravel 26; grey limestone 56. Water at 46.
Con I	" 18	L.O. Robertson	" 18	L.O. Robertson	" 18	R.H. Miller	" 18	May 15, 1962	2	10	21	18	18	"	D	Clay 20; sand 30; hardpan boulders 70; sort limestone 167. Water at 185.
Con I	" 18	C. W. Hargis	" 18	C. W. Hargis	" 18	C.V. Morrison	" 18	Jun. 20, 1960	4	5	11	8	8	"	D	Clay boulders 44; limestone 185. Water at 90.
Con I	" 18	R. Thompson	" 18	R. Thompson	" 18	"	"	Jul. 4, 1960	4	5	16	14	14	"	D	Clay boulders 55; limestone 105. Water at 90.
Con I	" 18	J. Saunders	" 18	J. Saunders	" 18	B.H. Casselman	" 18	Oct. 15, 1960	5	13	35	9	9	"	D	Boulder hardpan 18; gravelly hardpan 61; grey limestone 89. Water at 79.
Con I	" 18	H. Van-der-Poel	" 18	H. Van-der-Poel	" 18	"	"	Jan. 31, 1961	5	5	45	9	9	"	D	Boulder hardpan 10; clay Gravel 20; gravel hardpan 45; gravel sand clay boulders 57; grey limestone 127. Water at 117.
Con I	" 19	G. Adams	" 19	G. Adams	" 19	"	"	Jun. 9, 1961	4	17	22	10	10	"	D	Clay 10; boulder hardpan 44; gravel clay sand 56; limestone 125. Water at 118.
Con I	" 19	G. Smith	" 19	G. Smith	" 19	"	"	Jun. 12, 1961	5	20	16	2	2	"	C	Clay 15; clay boulders 30; boulders 31; clay 53; limestone 98. Water at 88.
Con I	" 22	D. Macrellies	" 22	D. Macrellies	" 22	"	"	Jun. 7, 1963	5	25	9	2	2	"	D	Gravel sand clay 6; clay sand Gravel 23; rock layers 26; limestone 31; sandstone 60; limestone 101. Water at 95.
Con I	" 23	J. Gray	" 23	J. Gray	" 23	C.V. Morrison	" 23	Feb. 18, 1961	5	20	21	14	14	"	D.S	Boulders clay 15; clay Gravel 27; clay Gravel sand 54; grey limestone 137. Water at 127.
Con I	" 23	Ont. St. Lawrence Dev. Corp.	" 23	Ont. St. Lawrence Dev. Corp.	" 23	B.H. Casselman	" 23	Aug. 3, 1961	4	10	48	30	30	"	D.S	Dark sandy soil 4; grey sand gravel stones 43; grey limestone 68. Water at 55.
Con I	" 24	"	" 24	"	" 24	"	"	Dec. 31, 1963	5	17	26	18	18	"	P	Clay 53; clay gravel sand rock layers 60; limestone sandstone layers 91; sandstone 116. Water at 106.
Con I	" 24	"	" 24	"	" 24	"	"	Mar. 25, 1963	5	20	14	10	10	"	P	Till clay boulders cemented 22; till clay gravel stones cemented 39; gravel sand 40; rock layers sand 45; limestone 109. Water at 100.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
GREENVILLE COUNTY -cont. Fiveasburg Twp.-cont. Con I	S. Kjan	J.B.Dufresne & Co. Ltd.	Dec. 4, 1964	6	3	65	14	Fresh	D, S	Sand 3; clay 7; hardpan 41; limestone 65. Water at 63.
Con I	H.W. Rozell	R.H.Casselman	Jun. 20, 1962	5	10	26	12	"	D	Old dug well 20; limestone 57. Water at 55.
Con I	Province of Ontario	"	Dec. 3, 1962	5	17	26	8	"	P	Fill 6; sand fine gravel 12; clay sand gravel 32; limestone 52. Water at 42.
Con I	O. Cameron	C.V. Morrison	Jul. 25, 1960	4	5	12	12	"	D	Dark earth 12; limestone 37. Water at 32.
Con I	R. Miller	"	Nov. 22, 1960	4	5	45	45	"	D	Clay boulders 56; brown limestone 128. Water at 122.
Con II	L. Cumming	R.H.Casselman	Feb. 28, 1962	5	17	29	27	"	D	Clay boulders hardpan 42; sand gravel 49; limestone 89. Water at 85.
Con II	A. Irwing	I. Simzer & Sons	Jan. 3, 1961	5	15	20	15	"	D	Hardpan boulders 60; limestone 97. Water at 87.
Con II	K. & E. Karsens	C.V. Morrison	Jul. 12, 1961	4	16	15	12	"	D	Hardpan stones 24; grey limestone 81. Water at 78.
Con II	A. Payne	I. Simzer & Sons	Sep. 1, 1961	5	15	28	15	"	D	Hardpan 61; limestone 99. Water at 99.
Con II	E. Stephenson	J.B.Dufresne Co.	Nov. 21, 1960	6	12	60	12	"	D, S	Fine sand 15; grey clay 5; grey limestone 60. Water at 58.
Con II	J. Preston	R.S.Casselman	Oct. 22, 1960	5	20	34	10	"	D	Sand 7; grey limestone 61. Water at 51.
Con II	O. Dukalove	C.V. Morrison	Jul. 25, 1960	4	5	21	16	"	D	Topsoil 31; limestone 53. Water at 50.
Con II	J. Snowdy	"	Jul. 23, 1960	4	5	4	4	"	D	Dark topsoil 15; limestone 57. Water at 55.
Con II	K. Fisher	"	Nov. 23, 1960	4	5	31	26	"	D	Clay boulders 40; grey limestone 92. Water at 85.
Con II	E. Greer	R.H.Casselman	Jun. 13, 1961	5	20	30	17	"	D	Topsoil 11; loam gravel boulders 15; gravel sand clay 38; sandstone 84. Water at 75.
Con II	E. Hanna	C.V. Morrison	Sep. 21, 1961	4	6	25	6	"	C	Sandy clay 8; blue clay gravel stones 20; grey limestone 75. Water at 73.
Con II	M.A. Killoran	R.H.Casselman	Nov. 24, 1961	5	11	23	14	"	C	Clay loam 3; clay sand gravel 18; boulder 26; clay sand gravel 29; limestone 75. Water at 70.
Con II	J. Robertson	"	Oct. 31, 1961	6	17	50	28	"	P	Clay sand gravel 40; limestone 94. Water at 84.
Con II	A.W. Sanger	"	Jul. 31, 1962	5	17	18	6	"	D	Tall 3; limestone 43. Water at 38.
Con II	Permethet Transit	"	Jul. 18, 1960	5	20	10	5	"	In	Clay 11; clay sand gravel 18; clay sand gravel boulder 49; grey limestone 80. Water at 70.
Con II	Concrete	R.H.Casselman	Jul. 27, 1963	5	20	14	9	"	D	Topsoil 18; limestone 40. Water at 35.
Con II	L. Beaudoin	Dec. 8, 1964	4	5	28	23	"	D, S	D	Topsoil 31; limestone 50. Water at 50.
Con II	E. Kirby	C.V. Morrison	Jan. 15, 1962	4	8	12	7	"	D	Blue clay 10; gravel stones 17; limestone 58. Water at 17 and 56.
Con II	H. Fraser	"	Sep. 21, 1963	4	8	20	19	"	D	Sand 4; clay gravel stone 20; limestone 53. Water at 52.
Con II	C. Johnston	"	Dec. 10, 1964	4	10	20	14	"	D, S	Clay gravel 14; limestone 54. Water at 54.
Con II	E. Beaudouin	"	Jan. 8, 1962	2	12	15	6	"	D, S	Sand 50; hardpan boulders 98; sort limestone 153. Water at 151.
Con II	J. Walasick	R.H. Miller	Jan. 29, 1964	5	17	21	19	"	D	Dug well 14; boulders gravel sand clay 67; limestone 151. Water at 142.
Con II	P. Mather	R.H.Casselman	Sep. 12, 1964	5	15	20	15	"	D	Clay 15; hardpan boulders 50; coarse gravel 62; grey limestone 91. Water at 90.
Con II	C. Fox	I. Simzer & Sons	May 22, 1962	2	4	24	13	"	D	Sand 60; clay boulders 100; hard limestone 243. Water at 240.
Con III	S. Antoniak	R.H. Miller	Aug. 4, 1962	5	17	30	7	"	D	Sand clay 15; clay hardpan gravel 32; limestone 53. Water at 50.
Con III	P. Cadieux	"	Dec. 19, 1961	5	15	12	"	"	D	Sand 3; clay 34; gravel clay sand 38; limestone 39. Water at 38.
Con III	R. VanAllen	"	Dec. 12, 1963	5	17	32	10	"	D	Clay boulders cemented 15; clay gravel cemented 51; limestone 78. Water at 70.
Con III	A. Wallase	"	Aug. 28, 1964	5	20	11	6	"	D	Clay gravel 35; limestone 39. Water at 37.
Con III	W.H. Veitkamp	"	Dec. 12, 1964	5	17	18	8	"	D	Dug well 12; gravel clay sand cemented 40; limestone 51. Water at 43.

## GRENVILLE COUNTY - cont.

Locality	Section	Depth	Stratigraphic Unit	Age	Notes
Blue clay gravel 45; limestone 90. Water at 86.					
Hardpan 40; limestone 45. Water at 40.					
Hardpan 40; limestone 45. Water at 40.					
clay boulders gravel cemented 56; gravel 66; gravel sand 76;					
clay 78; limestone 109. Water at 100.					
Hardpan boulders 60; grey limestone 101. Water at 100.					
Sandy loam 43; limestone 69. Water at 65.					
Blue clay gravel 60; limestone 108. Water at 105.					
Dug well 20; blue clay gravel boulders 59; limestone 92.					
Water at 90.					
Dug well 20; blue clay gravel 60; limestone 100. Water at 98.					
Dark sandy soil stone 20; blue clay gravel stone 65; grey limestone 97. Water at 94.					
Sand 8; blue clay stone gravel 44; limestone 87. Water at 40 and 84.					
Topsoil 3; limestone 100. Water at 96.					
Sand 10; clay boulders 26; limestone 76. Water at 70.					
Topsoil 4; sandy limestone 84. Water at 80.					
Topsoil 2; limestone 87. Water at 80.					
Topsoil 2; limestone 60. Water at 55.					
Dark sandy soil 1; grey brownish limestone 88. Water at 85.					
Dark sandy soil stones 4; limestone 64. Water at 28 and 60.					
Sandy soil 2; limestone 90. Water at 37 and 87.					
Dark sand clay 2; limestone 70. Water at 45 and 68.					
clay; limestone 65. Water at 65.					
Topsoil 2; sandy limestone 56. Water at 54.					
Topsoil 2; limestone 60. Water at 55.					
Sand 2; sand clay 8; clay 50; running sand 55; rock layers 56; sand 57; limestone 79. Water at 75.					
Old dug well 24; hardpan clay 57; hardpan gravel 68; limestone 90. Water at 85.					
Sand 10; clay 40; limestone 45. Water at 43.					
Sand 12; clay 17; gravel 18; grey shale 42. Water at 42.					
Topsoil 18; limestone 131. Water from 120 to 131.					
Sand 8; hardpan boulders 45; limestone 79. Water at 79.					
Sand 4; clay 10; sand 30; sand gravel 40; limestone 70. Water at 65.					
Brown clay 20; sand 40; gravel 45; soft grey shale 69. Water at 69.					
Dug well 6; boulder clay cemented 46; limestone 71. Water at 65.					
Sand clay 30; clay gravel 52; limestone 63. Water at 60.					
Hardpan boulders 26; limestone 90. Water at 98.					
Hardpan boulders 22; limestone 40. Water at 38.					
Hardpan boulders 38; limestone 65. Water at 60.					
Hardpan 7; limestone 43. Water at 43.					
Hardpan 4; limestone 89. Water at 89.					

1.1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
GREENVILLE COUNTY -cont.										
Edwardsburg Twp. -cont.										
Con V " 33	R. Laduke	R.H. Miller	Sep. 26, 1961	2	6	21	15	Fresh	D,S	Old well 20; grey shale 111. Water at 111.
Con V " 34	M. McCallum	R.H. Casselman	Dec. 2, 1961	5	5	80	7	"	D,S	Old dug well 30; boulders clay gravel sand 35; limestone 107 1/2. Water at 95.
Con V " 36	G. Greer	I. Simzer & Sons	Aug. 1, 1963	5	30	15	9	"	D,S	Sand 5; clay 15; hardpan boulders 29; limestone 75. Water at 74.
Con V " 37	J. Horan	"	Oct. 18, 1960	5	15	12	10	"	D,S	Sand 8; clay 59; grey limestone 79. Water at 79.
Con V " WC	P. Kelly	"	Jun. 30, 1960	5	15	22	7	"	D	Sand 7; hardpan 93; limestone 62. Water at 62.
Con V " WC	W. Hughes	"	Jul. 13, 1960	5	15	5	2	"	D	Dug well 11; clay boulders 31; limestone 98. Water at 98.
Con V " WC	J. Foot	"	Jul. 5, 1960	5	15	8	4	"	D	Sand 7; hardpan 31; limestone 78. Water at 78.
Con VI " 6	Shanly United Church	R.H. Casselman	Nov. 23, 1962	5	10	55	11	"	D	Old dug well 18; limestone 118. Water at 100.
Con VI " 6	G. Gilmer	R.H. Miller	Aug. 21, 1963	2	12	15	12	"	D	Brown clay 15; soft grey limestone 83. Water at 83.
Con VI " 8	C. Gilmer	R.H. Casselman	Nov. 14, 1962	5	17	18	15	"	D	Clay 6; hardpan boulders 19; limestone 418. Water at 35.
Con VI " 8	A. Legert	C.V. Morrison	Nov. 4, 1960	4	8	18	18	"	D,S	Clay well 46; grey limestone 54. Water at 41.
Con VI " 8	Edwardsburg Public School Board	R.H. Casselman	Sep. 18, 1963	8	10	25	10	"	P	boulder hardpan 27 1/2; limestone 31; gravel sand 32; limestone 52. Water at 32.
Con VI " 12	D. Chutten	R.H. Miller	Sep. 20, 1962	2	10	15	10	"	D,S	Old well 19; shale 62. Water at 62.
Con VI " 13	L.D. Stone	J.B. Dufresne & Co.	Nov. 3, 1964	2	6	25	13	"	D,S	Boulders 30; limestone 22. Water at 77.
Con VI " 19	J. Hunter	C.V. Morrison	Oct. 17, 1964	6	65	102	53	"	D	Limestone 115. Water at 70 and 110.
Con VI " 24	B. Burns	C.V. Morrison	Jun. 11, 1962	4	6	20	20	"	D	Brown sandy clay stones 17; limestone 41. Water at 17 and 35.
Con VI " 25	St. Andrew's Presbyterian Church	J.B. Dufresne Ltd.	Aug. 2, 1963	6	17	36	5	"	P	Yellow sand 9; gravel 13; limestone 36. Water at 20, 25 and 32.
Con VI " 26	M. Cook	"	Jul. 21, 1960	6	27	35	8	"	D	Clay 15; limestone 40. Water at 35.
Con VI " 26	M. Gillespie	C.V. Morrison	Jan. 6, 1961	4	20	18	18	"	D	Sandy loam 18; grey limestone 72. Water at 68.
Con VI " 26	R. Dukelow	R.H. Miller	Apr. 3, 1962	2	9	8	8	"	D	Sandy loam 4; limestone shale 37. Water at 37.
Con VI " 26	D.F. Blair	C.V. Morrison	Jun. 19, 1962	4	6	35	17	"	D	Dark soil 4; gravel hardpan stones 17; limestone 69. Water at 17, 54 and 69.
Con VI " 26	C. Dukelow	R.H. Miller	Sep. 19, 1962	2	10	18	12	"	D	Sandy loam 3; soft grey limestone 53. Water at 53.
Con VI " 26	R.H. Gilmer	A. Gauthier	Dec. 14, 1962	4	8	30	8	"	D	Hardpan 14; limestone 45. Water at 42.
Con VI " 26	L. Mussel	M. McLaughlin	May 9, 1963	6	10	30	9	"	D	Clay 2; sandstone broken layers 13; sandstone rock 55. Water at 48.
Con VI " 27	Twp. Edwardsburg	J.B. Dufresne	Jul. 21, 1960	6	7 1/2	31	20	"	P	Clay 1; grey limestone 34. Water at 31.
Con VI " 27	D. Jenkinson	C.V. Morrison	Apr. 22, 1963	4	5	15	15	"	D	Topsoil 7; limestone 71. Water from 60 to 71.
Con VI " 27	E. Weir	R.H. Miller	May 16, 1963	2	20	15	11	"	D	Sandy loam boulders 9; soft shale 61. Water at 61.
Con VI " 27	R. Robinson	"	Aug. 23, 1963	2	8	24	23	"	D	Sandy loam 3; grey limestone 52. Water at 52.
Con VI " 27	W. Armstrong	"	Aug. 7, 1964	2	6	32	27	"	D	Sandy loam 2; grey limestone 63. Water at 63.
Con VI " 27	A. Lambly	J.B. Dufresne & Co. Ltd.	Oct. 1, 1964	6	3 1/2	35	20	"	D	Grey limestone 40. Water at 38.
Con VI " 27	A. Brown	C.V. Morrison	Nov. 26, 1964	4	8	23	21	"	D	Previously drilled 21; limestone 80. Water at 80.
Con VI " 28	W. Stevens	I. Simzer & Sons	May 25, 1960	5	15	22	20	"	D	Limestone 75. Water at 75.
Con VI " 28	B. Acres	R.H. Miller	Aug. 10, 1962	2	7	21	18	"	D	Brown clay boulders 18; shale 102. Water at 102.
Con VI " 28	B. McBride	"	Apr. 1, 1964	2	4	18	16	"	D	Sandy loam boulders 6; hard limestone 68. Water at 65.
Con VI " 30	S. Sokoluk	I. Simzer & Sons	Apr. 14, 1961	5	15	55	35	"	D,S	Hardpan boulders 34; grey limestone 116. Water at 116.
Con VI " 30	G.H. Seileck	J.B. Dufresne & Co.	Feb. 7, 1961	6	9	85	20	"	D	Blue clay 7; sand gravel boulders 25; grey limestone 90. Water at 85.
Con VI " 32	P.G. Bennett	C.V. Morrison	Sep. 15, 1962	4	12	22	20	"	D,S	Dug well 20; gravel stone hardpan 41; limestone 87. Water at 20 and 85.

GREENVILLE COUNTY -cont.  
Edwardsburg Twp.-cont.

Con	Loc	Driller	Date	2	10	17	12	Fresh	D,S	Description
Con VI	lot 55	H. Keeler	Jul.22,1960	2	10	17	12	"	D,S	Dug well 18;medium hard grey limestone 62. Water at 62.
Con VII	" 1	C. Thorpe	Dec. 1,1961	5	20	16	8	"	D,S	Old dug well 18;boulders clay gravel 31;limestone 56. Water at 50.
Con VII	" 1	R.H. Miller	Aug.22,1963	2	20	15	12	"	D,S	Old well 18;soft grey shale 72. Water at 72.
Con VII	" 5	R.H. Casselman	Apr.17,1962	2	18	12	12	"	D,S	Boulder hardpan 39;limestone 90. Water at 80.
Con VII	" 7	C.V. Morrison	Oct.17,1960	4	5	22	22	"	D,S	Dug well 20;limestone 102. Water at 88.
Con VII	" 13	"	Oct.23,1960	2	5	20	18	"	D	Previously drilled 102;limestone 131. Water at 126.
Con VII	" 14	J.B. Dufreres Co.	Nov. 6,1964	2	2	50	25	"	D,S	Boulders 49;limestone 102. Water at 99.
Con VII	" 14	"	Mar. 3,1964	2	9	50	16	"	D	Till hardpan 28;limestone 40. Water at 37.
Con VII	" 14	G. Cummings	Mar. 3,1964	6	9	40	12	"	D	Till boulders 23;limestone 40. Water at 37.
Con VII	" 16	"	Nov.23,1960	6	4	40	22	"	D	Boulder 20;brown limestone 60. Water at 55.
Con VII	" 24	R.H. Casselman	Feb.20,1964	5	17	30	24	"	D	Sand gravel 12;sand gravel boulders 31;limestone 65. Water at 55.
Con VII	" 35	"	Jun. 3,1960	5	15	20	5	"	D,S	Sand 8;clay gravel 44;limestone 100. Water at 100.
Con VII	" 35	C. Daklow	Nov.17,1960	6	34	10	10	"	D,S	Boulder brwn clay 50;brown limestone rock 60. Water at 55.
Con VII	" 35	R. Bernard	Oct. 8,1964	6	60	15	15	"	D,S	Topsoil 4;till boulders 25;limestone 83. Water at 40 and 82.
Con VIII	" 10	R.H. Casselman	Dec. 8,1961	5	20	14	9	"	D,S	Hardpan 24;limestone 54. Water at 48.
Con VIII	" 14	I. Simzer & Sons	Mar.15,1962	5	15	16	14	"	D,S	Hardpan boulders 21;limestone 99. Water at 99.
Con VIII	" 15	S. Irving	Oct.27,1962	5	20	18	9	"	D,S	Clay 5;rock layers 12;limestone 47. Water at 39.
Con VIII	" 15	R. Connor	Aug.25,1964	6	6	20	10	"	D	Sand 6;limestone 40. Water at 30 and 33.
Con VIII	" 20	J.B. Dufreres & Co	Jul.30,1964	5	15	22	20	"	D,S	Dug well 21;hardpan boulders 40;grey limestone 91. Water at 90.
Con VIII	" 25	C.V. Morrison	Sep. 5,1964	4	8	40	40	"	D,S	Topsoil 5;limestone 94. Water at 90.
Con IX	" EC	I. Simzer & Sons	Nov.17,1960	5	15	15	12	"	S	Dug well 18;hardpan boulders 35;grey limestone 70. Water at 70.
Con IX	" 8	L. Pitt	Oct.29,1961	5	20	18	7	"	S	Old dug well 18;gravel clay stones cemented 32;gravel clay boulders cement 42;limestone 79. Water at 70.
Con IX	" 10	H. Way	Nov.14,1962	5	15	18	10	"	D,S	Hardpan 2;limestone 59. Water at 59.
Con IX	" 13	D. Watson	Nov.12,1960	5	15	10	3	"	D,S	Sand 5;clay 20;limestone 78. Water at 78.
Con IX	" 14	D. Dobbie	Jan.31,1964	5	15	20	5	"	D,S	Dug well 13;hardpan boulders 24;grey limestone 88. Water at 87.
Con IX	" 16	M. Selleck	Apr. 2,1962	5	15	8	4	"	D,S	Hardpan 3;limestone 38. Water at 38.
Con IX	" 16	K. Selleck	Apr.12,1963	5	15	10	5	"	D,S	Hardpan 4;limestone 58. Water at 58.
Con IX	" 17	H. Bagus	Feb.10,1962	5	15	6	4	"	D,S	Sand 4;clay 28;clay coarse gravel 30;limestone 65. Water at 65.
Con IX	" 17	M. Porter	Apr. 9,1962	5	15	15	4	"	D,S	Sand 4;clay 30;hardpan boulders 45;limestone 65. Water at 65.
Con IX	" 19	S. Williams	Jul.10,1962	2	20	20	6	Sulphur	D,S	Boulders gravel sand 43;limestone 103. Water at 103.
Con IX	" 20	C.D. Thorpe	Sep. 8,1962	5	25	15	5 1/2	Fresh	D	Sandy boulder till 26;limestone 83. Water at 55.
Con IX	" 20	A. C. Ameron	Sep.22,1960	4	18	4	4	"	D	Topsoil stones 27;limestone 105. Water at 100.
Con IX	" 21	F. Nocer	Oct.24,1961	5	15	23	21	"	D	Hardpan 2;limestone 76. Water at 76.
Con IX	" 22	"	Oct.19,1963	5	10	41	28	"	D	Grey limestone 85. Water at 84.
Con IX	" 25	W. Kingston	Apr.29,1960	5	15	18	18	"	S	Topsoil 2;limestone 49. Water from 40 to 49.
Con X	" 18	S.J. Williams	Apr.25,1964	4	8	30	4	"	P	Sandy clay 8;gravel stone clay 40;limestone 94. Water at 40, 80 and 90.
Con X	" 19	I. Simzer & Sons	Aug.17,1960	5	15	25	10	"	D	Hardpan boulders 18;limestone 56. Water at 56.
Con X	" 20	C.V. Morrison	Feb. 8,1962	4	6	26	16	"	D,S	Dark sandy clay stones 49;grey limestone 88. Water at 48, 70 and 82.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C — RECORDS FOR WATER WELLS DRILLED IN 1960 to 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
GRENVILLE COUNTY -cont-										
Johnstown	M. McGavigan	C.V. Morrison	Apr. 26, 1960	4	5	20	20	Fresh	D	Clay boulders 32; limestone 84. Water at 80.
Johnstown	H.C. Reids	"	Jun. 4, 1960	4	5	2	2	"	D	Clay boulders 26; limestone 80. Water at 78.
Johnstown	Bridge Auth. Public School	R.H. Casselman	Aug. 3, 1960	6	25	35	14	"	P	Clay sand gravel 19; gravel boulders clay 22; grey limestone 116. Water at 105.
Johnstown	L. Savyau	J.B. Dufresne Co.	Nov. 18, 1960	6	1	40	20	"	D	Blue clay 14; limestone 40. Water at 38.
Johnstown	G. Duby	C.V. Morrison	Nov. 6, 1961	4	5	28	15	"	D	Dark sandy soil 2; blue clay pebbles 15; grey limestone 70. Water from 8 to 68.
Johnstown	C.L. Hall	"	Jul. 28, 1961	4	5	10	10	"	D	Dark sandy soil 2; fine grey sand clay stones 16; grey limestone 78. Water at 75.
Johnstown	Prescott Elevator Co.	"	Aug. 31, 1961	6	5	10	10	"	In	Gravel stone 4; clay stones 44; grey limestone 100. Water from 90 to 100.
Johnstown	Prescott Weiding Co.	C.V. Morrison	Sep. 18, 1961	4	6	25	12	"	P	Previously drilled 48; grey limestone 100. Water at 97.
Johnstown	H.W. Veil	R.H. Casselman	Aug. 23, 1962	5	20	18	13	"	D	Boulder hardpan 19; limestone 71. Water at 65.
Johnstown	K. Campbell	I. Simzer & Sons	Aug. 25, 1962	5	15	25	18	"	D	Hardpan boulders 25; limestone 95. Water at 95.
Johnstown	C. Campbell Travel & Publicity	C. Goodberry Well Drilling Ltd.	Jan. 28, 1963	6	81 1/2	23	8 1/2	"	P	Topsoil 14; clay 16; gravel 17; brown limestone 66; sandstone 110; grey limestone 125. Water at 54 and 100.
Johnstown	D. Grant	H.J. Davis	Jun. 28, 1963	5	10	6	6	"	D	Clay 16; limestone 50. Water at 48.
Johnstown	W. Cummings	C.V. Morrison	Nov. 2, 1963	4	8	15	10	"	D	Clay stones 11; limestone 76. Water at 40 and 72.
Johnstown	C. Limburg	"	Nov. 14, 1963	4	8	12	6	"	D	Sandy clay 8; blue clay stones 28; limestone 88. Water at 85.
Johnstown	A. Grant	H. Davis	Mar. 20, 1964	5	10	20	12	"	D	Clay 18; limestone 70. Water at 69.
Johnstown	H. Payne	"	Apr. 11, 1964	5	10	20	12	"	D	Clay sand 17; limestone 91. Water at 90.
Johnstown	A. Gillis	R.H. Miller	May 19, 1964	2	10	16	11	"	D	Brown clay 25; hard limestone 83. Water at 80.
Johnstown	K. Dukelov	The Dutch Store	Aug. 10, 1964	5	10	8	3	"	D	Clay loam 4; clay hardpan 29; limestone 87. Water at 83.
Johnstown	K. Adam	R.H. Casselman	Nov. 28, 1964	6	60	3	0	"	D	Clay 56; rock 57; sand 58; limestone 106. Water at 96.
Kemptville Village										
Kemptville Village	Corp. of Kemptville	J.B. Dufresne & Co. Ltd.	Jan. 3, 1961	6	100	30	10	Fresh	P	Fill 15; soft grey limestone 19; hard grey limestone 140. Water at 28, 45, 50 and 73.
Merrickville Vlg.										
Merrickville Vlg.	R. Telford	N. Lackie	Sep. 28, 1960	5	8	18	14	Fresh	D	Red clay 4; limestone 52. Water at 52.
Merrickville Vlg.	Corp. Merrickville	J.B. Dufresne	Jan. 12, 1961	5	100	100	30	"	P	Blue clay 6; grey limestone 140; sandstone 160. Water at 30, 40, 60 and 80.
Merrickville Vlg.	T. Deroosh	N. Lackie	Jan. 25, 1961	5	10	32	20	"	D, S	Topsoil 2; sandstone 62. Water at 62.
Merrickville Vlg.	R. Butting	H. Rathwell	Apr. 23, 1963	5	8		3	"	D	Clay loam 2; grey limestone 30; dark limestone 60. Water at 58.
Oxford Twp.										
Con I	D. Burns	N. Lackie	May 3, 1960	5	15	3	2	Fresh	D	Clay 25; limestone 47. Water at 45.
Con I	G.L. Watt	J.B. Dufresne & Co. Ltd.	Jun. 11, 1962	2	4	60	30	"	D	Blue clay 6; grey limestone 77. Water at 75.
Con I	Hon. J. Bracken	N. Lackie	Jan. 25, 1963	5	10	10	1	"	D, S	Blue clay 15; gravel stones 26; grey limestone 135. Water at 135.



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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
GRENVILLE COUNTY - cont.										
Oxford Twp. - cont.										
Con III	E. Curry	J.B. Dufresne & Co. Ltd.	Nov. 23, 1961	2	5	35	26	Fresh	D	Dug well 17; gravel boulder 24; grey limestone 64. Water at 62.
Con III	G. VanAllen	I. Simzer & Sons	Mar. 30, 1961	5	5	70	14	"	D	Sand 4; hardpan 19; grey limestone 102. Water at 102.
Con III	A. Hennie	J.B. Dufresne & Co. Ltd.	Nov. 25, 1964	5	3	60	15	"	D	Clay 15; sand 43; rick limestone 60. Water at 58.
Con III	J. Williscroft	I. Simzer & Sons	Apr. 28, 1962	5	15	10	7	"	D	Hardpan 8; limestone 104. Water at 104.
Con III	K. Armstrong	A. Gauthier	Aug. 18, 1962	4	15	30	20	"	D	Sand 12; limestone 102. Water at 100.
Con III	A. Arcani	J.B. Dufresne Co. Ltd.	Nov. 15, 1963	6	4	100	14	"	D	Sand gravel 8; limestone 100. Water at 95.
Con III	M. Wilson	N. Lackie	May 23, 1960	5	10	23	21	"	D	Clay 23; limestone 43. Water at 43.
Con III	E.C.S.S.# 3	A. Casselman	Mar. 17, 1961	5	20	40	10	"	P	Sand gravel 10; sandstone 60; grey limestone 117. Water at 107.
Con III	R. Knapp	N. Lackie	Jun. 24, 1961	5	10	45	35	"	D	Gravel stone 13; grey limestone 118. Water at 120.
Con III	A. Sumnerville	H. Rathwell	Dec. 20, 1961	5	8	18	18	"	D	Clay boulders 15; gravel 35; grey limestone 75; black limestone 115. Water at 112.
Con III	T. Chukra	E.B. Casselman	Jul. 1, 1964	6	12 1/2	28	15	"	D	Clay sand gravel 17; sandstone 40. Water at 35.
Con III	G. Nelson	E.E. Miller	Jun. 2, 1961	2	15	5	5	"	D	Clay 20; sand 30; gravel 34; grey shale limestone 132. Water at 128.
Con IV	L. Stuart	J.B. Dufresne	Dec. 19, 1960	6	4	75	30	"	D	Clay 8; limestone 75. Water at 74.
Con IV	G. Cote	"	Dec. 3, 1964	2	3	35	23	"	D,S	Boulders 15; limestone 75. Water at 75.
Con IV	P. Dengerfield	I. Simzer & Sons	Apr. 18, 1962	5	15	16	8	"	D	Clay 16; hardpan 20; limestone 78. Water at 78.
Con IV	J. Williscroft	"	Sep. 19, 1961	5	15	16	13	"	D	Hardpan boulders 15; clay 25; hardpan 31; limestone 83. Water at 83.
Con IV	R. A. Annie	N. Lackie	Jun. 19, 1963	6	4	25	25	"	D	Gravel boulders 34. Water at 34.
Con IV	A. C. Ambell	McLean Water Supply Ltd.	Jan. 31, 1963	5	10	21	20	"	D	Stones gravel 10 1/2; hard grey limestone 45. Water at 40.
Con IV	L. Cranston	"	Oct. 15, 1964	5	6	30	20	"	D	Sand gravel 2; clay 12; limestone 40. Water at 40.
Con IV	D. McCurdy	I. Simzer & Sons	Feb. 27, 1962	5	15	6	4	"	D	Medium sand 4; clay 38; coarse gravel 42; limestone 60. Water at 60.
Con V	K. Newans	N. Lackie	Oct. 1, 1962	5	8	50	18	"	D	Dug well 12; grey limestone 50. Water at 50.
Con V	A. Coy	"	Sep. 10, 1963	5	10	15	11	"	D	Blue clay 15; grey limestone 58. Water at 58.
Con V	L. Joyten	H. Rathwell	May 23, 1960	5	8	12	11	"	D	Clay boulders 20; dark limestone 60. Water at 34, 51 and 60.
Con V	Hone Azei	J.B. Dufresne	Sep. 3, 1960	5	37	120	12	"	D	Clay boulders 10; grey limestone 120; sandstone 130. Water at 125.
Con V	L. Bender	N. Lackie	Oct. 17, 1960	5	8	22	16	"	D	Dug well 12; gravel boulders 32. Water at 32.
Con V	R. Hawkins	I. Simzer & Sons	Jul. 31, 1961	5	15	12	10	"	D	Clay 19; limestone 82. Water at 82.
Con V	B. P. P. P.	N. Lackie	Sep. 20, 1963	5	10	20	15	"	D	Blue clay 20; grey limestone 51. Water at 51.
Con V	B. P. P. P.	"	Sep. 8, 1962	5	10	22	14	"	D	Blue clay 17; grey limestone 72. Water at 68.
Con V	Oxford On	J.B. Dufresne Co. Ltd.	Nov. 25, 1964	5	30	30	9	"	P	Previously drilled 43; grey limestone 100. Water at 96.
Con V	R.W.A. School	"	"	"	"	"	"	"	"	"
Con V	L. Neighman	N. Lackie	Dec. 10, 1964	5	10	15	8	"	D	Blue clay 13; grey limestone 60. Water at 60.
Con V	G. Weir	"	Dec. 20, 1964	5	12	15	15	"	D	Blue clay 15; grey limestone 58. Water at 58.
Con V	A. Currie	I. Simzer & Sons	May 24, 1962	5	13	35	16	"	D	Dug well 28; hardpan 31; limestone 122. Water at 122.
Con V	C. Davidson	"	Oct. 30, 1961	5	15	25	20	"	D	Hardpan boulders 31; limestone 96. Water at 96.
Con V	J. Gaw	"	Nov. 4, 1961	5	15	18	32	"	D,S	Dug well 29; hardpan boulders 47; limestone 101. Water at 101.
Con V	A. Christie	N. Lackie	Sep. 2, 1960	5	10	20	20	"	D,S	Dug clay boulders 24; drilled clay boulders 36; limestone 43. Water at 43.
Con V	L. Moore	I. Simzer & Sons	Jun. 15, 1961	5	15	40	10	"	D,S	Dug well 11; limestone 95 1/2. Water at 95 1/2.

GREENVILLE COUNTY -cont.

Con	IX	lot	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	1222	1223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# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
230-VILLE COUNTY - cont.										
Oxford Twp. - cont.										
Con IX lot 26	S. Humphries	J.E. Jufresne Co. Ltd.	Apr. 11, 1960	6	12	80	5	Fresh	D	Clay 4; grey limestone 85. Water at 82.
Con IX "	E. Quackenbush	C.V. Morrison	Jul. 7, 1960	4	5	10	10	"	D	Loam 8; limestone 62. Water at 55.
Con IX "	P.H. Gilmore	"	Dec. 29, 1961	4	10	15	6	"	D	Sandy clay pebbles stones 11; grey limestone 81. Water at 11 and 67.
Con IX "	R. Thompson	"	Jul. 35, 1962	4	8	29	15	"	D	Sandy topsoil 2; brip-a gravel stones 17; limestone 80. Water at 25, 50 and 75.
Con X "	M. Beulah	J.E. Jufresne Co. Ltd.	Nov. 16, 1964	2	6	50	15	"	D, S	Boulder 27; limestone 76. Water at 70.
Con X "	H.E. Brown	P.R. Cossette	Jul. 5, 1960	3	10	30	12	"	D	Coarse sand 30; boulders sand 90; grey limestone 241. Water at 241.
Con X "	A.W. Penny	C.V. Morrison	Jan. 17, 1962	4	6	25	20	"	D	Dark sandy clay 10; sandy grey clay stones 32; grey limestone 100. Water at 30, 48 and 96.
Con X "	H.E. Brown	P.R. Cossette	Nov. 9, 1962	2	6	25	12	"	D	Topsoil 6; limestone 83. Water at 88.
Con X "	H.C. Casselman	I. Simzer & Sons	Jul. 25, 1960	3	8	60	18	"	D	Topsoil 3; limestone 84. Water at 84.
Con X "	C. Byrd	"	Jan. 22, 1964	3	3	60	30	"	D	Sand 4; hardpan boulders 15; grey limestone 142. Water at 140.
South Gower Twp.										
Con IX lot 16	D.G. Sinclair	C. Jufresne	Apr. 29, 1964	2	4	20	1	Fresh	D	Clay boulder 62; grey granite 114. Water at 110.
Con IX "	R. Regency	A. Gauthier	May 6, 1961	4	4	70	1	"	D	Quick sand 70; limestone 80. Water at 71.
Con IX "	R. Armstrong	"	May 23, 1962	4	15	20	5	"	D	Clay 40; gravel 41; limestone 42. Water at 42.
Con IX "	A.C. Gamble	R.E. Casselman	Mar. 23, 1962	4	12	21	1	"	D	Sand 4; clay 39; gravel clay sand 35; gravel 45; boulders sand 1 gravel 61; sand gravel 80; rock layers 83; limestone 150. Water at 140.
Con IX "	H. Sheppard	"	Mar. 9, 1962	4	13	21	11	"	D, S	Sand 6; blue clay 60; clay sand gravel 70; limestone 91. Water at 85.
Con IX "	W.E. Flinn	N. Lackie	Aug. 14, 1964	5 1/2	10	20	7	"	D, S	Blue clay 60; gravel stones 81. Water at 81.
Con IX "	R. Hess	R.H. Miller	Jun. 25, 1962	2	5	15	12	"	D	Clay boulders 3; soft limestone 90. Water at 90.
Con IX "	W. Cheaters	C.V. Morrison	Oct. 10, 1960	4	5	50	35	"	D, S	Gravel topsoil 15; limestone 113. Water at 110.
Con IX "	K. Cummings	R.H. Casselman	Jul. 8, 1963	3	10	42	7	"	D, S	Sandy loam 10; limestone 67 1/2. Water at 60.
Con IX Area # 1	Twp. School	"	Jun. 25, 1964	6	1 1/2	28	15 1/2	"	P	Topsoil 4; clay sand gravel 15; boulders sand 36; gravel clay 43; clay sand gravel 53; limestone 65; sandstone 109; limestone 145. Water at 135.
Con IV "	L. McGovern	I. Simzer & Sons	Oct. 12, 1964	5	9	25	20	"	D, S	Dug well 20; hardpan boulders 54; coarse gravel 58; grey limestone 132. Water at 131.
Con IV "	A. Dulmage	"	Nov. 23, 1960	5	4	25	22	"	D, S	Dug wall 19; hardpan boulders 42; grey limestone 82. Water at 82.
Con IV "	R. Preidensrein	"	Dec. 22, 1964	5	6	38	25	"	D, S	Hardpan boulders 60; grey limestone 117. Water at 116.
Con IV "	A. Payne	"	Dec. 11, 1964	5	6	35	25	"	D, S	Dug well 23; hardpan boulders 40; grey limestone 113. Water at 112.
Con V "	K. MacKair	"	Mar. 21, 1961	5	9	12	8	"	D, S	Dug well 15; hardpan 17; grey limestone 68 1/2. Water at 68 1/2.
Con V "	D. Sears	N. Lackie	Apr. 2, 1963	5	10	22	22	"	D	Gravel 18; shall rock 31; grey limestone 61 1/2. Water at 60.
Con V "	G. McKendry	"	Dec. 12, 1961	5	20	22	22	"	D	Gravel stones 20; limestone 38. Water at 38.
Con VI "	W. Emery	R.H. Casselman	Jun. 6, 1962	5	10	13	7	"	D	Sand 22; clay 59; clay gravel 72; limestone 91. Water at 74.
Con VI "	I. Coyille	"	Jul. 6, 1962	5	20	13	12	"	D	Sand 19; limestone 27. Water at 26.
Con VI "	R. Molson	"	Jun. 12, 1962	5	10	25	11	"	D	Hardpan gravel 12; limestone 64. Water at 58.
Con VI "	H.W. Kelso	I. Simzer & Sons	Sep. 1, 1961	5	15	50	33	"	D, S	Hardpan boulders 10; limestone 116. Water at 116.

GREENVILLE COUNTY -cont.

South Gower Twp.-cont.									
Con VII	R. Lemire	C.V. Morrison	Sep.29,1960	5	5	12	12	Fresh	D
Con VII	P. Stewart	E.H. Casselman	Aug.12,1962	5	10	5	5	"	D
Con VII	J. Murphy	I. Sluizer & Sons	Aug.2,1960	5	7	80	15	"	D,S
Con VII	H. Arcand	A. Gauthier	Jul.16,1960	4	3	7	1	"	D
Con VII	M. Lightle	E.E. Sparks	Oct.26,1960	4	10	13	12	"	D
Wolford Twp.									
Con A	M.P. Rudert	N. Lackie	Aug.20,1960	5	8	20	18	Fresh	D
Con A	M. Boyd	"	Jul.10,1964	5 <sup>1</sup>	15	4	4	"	"
Con A	A. Findlay	"	Jul.18,1964	5	10	8	3	"	"
Con A	W. Trail	"	Aug. 1,1960	5	10	17	17	"	"
Con B	C. Knapp	"	Nov. 5,1961	5	8	10	8	"	"
Con B	J. Millard	"	Jul. 1,1964	5	10	14	13	"	"
Con B	L.R. Digby	"	Jun. 8,1962	5	10	10	4	"	"
Con B	W. Wybou	"	May 8, 1964	5	10	7	2	"	"
Con C	Dr. J.A. Hopkirk	"	Jun.10,1963	5	10	12	5	"	"
Con D	P. Burchill	R.H. Miller	Jan.29,1960	2	6	37	23	"	"
Con I	H. Rhodes	H. Rathwell	Aug.22,1961	5	16	17	14	"	"
Con I	F. O'Donnell	N. Lackie	Sep.11,1961	5	10	15	8	"	D,S
Con I	E. Purchell	C.V. Morrison	Jan.10,1961	4	7	1	Flows	"	D,S
Con I	J. Lobban	H. Rathwell	Dec.29,1962	5	20	1	1	Sulphur	"
Con I	A. McDougall	"	Dec. 1,1962	5	35	1	1	Fresh	D,S
Con I	H. King	C.V. Morrison	Nov.15,1960	4	5	20	20	"	D,S
Con I	L. James	"	May 5,1961	5	5	3	3	"	"
Con I	Dr.E.N. Box	R.H. Miller	Aug. 1,1961	5	2	5	Flows	"	"
Con I	S. Swayne	"	Aug.2,1961	2	20	8	2	"	"
Con I	J. Borek	C.V. Morrison	Jun.14,1963	4	8	17	1	"	"
Con I	E.L. Brown	"	Oct.14,1963	4	7	12	6	"	"
Con II	J. Voots	H. Rathwell	Dec. 3,1960	5	7	10	12	"	"
Con II	T. Donovan	C.V. Morrison	Oct. 5,1960	4	5	12	6	"	"
Con II	"	"	Oct. 7,1960	5	7	12	12	"	"
Con II	C. Haslins	H. Rathwell	Oct.28,1960	5	7	18	6	"	"
Con II	H. Atkinson	"	Mar. 6,1961	5	8	17	11	"	"
Con II	L. Cross	C.V. Morrison	May 7,1963	4	5	10	10	"	"
Con II	J. Berswerk	H. Rathwell	Mar.21,1961	5	5	15	10	"	"
Con II	E. Bradford	"	Dec.15,1962	5	20	17	17	"	"
Con II	I. Montgomery	C.V. Morrison	Oct.23,1960	4	5	25	22	"	"
Con III	M. McIntyre	H. Rathwell	Nov. 2,1960	4	7	18	12	"	"
Con III	I. Baker	"	Dec.22,1964	5	8	9	9	"	"
Con III	J. Kleiboer	"	Aug.15,1961	5	10	20	12	"	"
Sandy loam 8;hardpan stones 14;limestone 42. Water at 40. Old dug well 8;sand 9;rock 27. Water at 25. Dug well 32;coarse gravel boulders 72;limestone 156. Water at 156. Clay 36;gravel 37. Water at 37. Clay loam 6;blue clay 30;grey limestone 45. Water at 40.									
Clay 20;limestone 49. Water at 49. Blue clay 5;grey limestone 34. Water at 34. Blue clay 4;grey limestone 33. Water at 33. Clay 4;limestone 50. Water at 50. Clay 3;white limestone 36. Water at 36. Blue clay 2;grey limestone 47. Water at 47. Blue clay 2;white limestone 47. Water at 47. Blue clay 20;grey limestone 50. Water at 50. Blue clay 4;grey limestone 75. Water at 75. Hardpan boulders 50;gravel 68;medium hard grey limestone 189. Water at 189. Sandy loam 3;hard grey limestone layers quartz 75;black limestone 81. Water at 80. Topsoil 1;limestone 53. Water at 53. Clay boulders 26;grey limestone 68. Water at 65. Blue clay boulders 30;dark limestone 92. Water at 80. Sandy loam 2;white limestone 50;black limestone 65. Water at 60. Dug well 19;grey limestone 84. Water at 80. Topsoil 1;grey limestone 61. Water at 30 and 59. Rock fill 6;sand 8;soft shale limestone 64. Water at 64. Sandy loam 3;soft shale limestone 66. Water at 66. Dark clay 3;limestone 84. Water at 21, 38 and 81. Clay stones 7;limestone 83. Water at 6, 54 and 81. Grey limestone 70;dark limestone 82. Water at 81. Topsoil 2;limestone 50. Water at 46. Brown topsoil 7;limestone 50. Water at 46. Sandy loam 2;grey limestone 50;black limestone 58. Water at 57. Blue clay 14;grey limestone 37. Water at 37. Clay 20;limestone 63. Water at 60. Old dug well 22;grey limestone white quartz 62. Water at 62. Dug well 17;white limestone sandstone 58;dark limestone 102. Water at 100. Brown topsoil 6;limestone 60. Water at 58. Gravel loam 3;grey limestone 45;black limestone 50. Water at 49. Sandy loam 3;grey limestone 24;darker limestone 42. Water at 40. Clay boulders 15;dark limestone 47. Water at 47.									

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
<b>SHERIDAN COUNTY - cont.</b>										
Welford Twp. - cont.										
Con III, lot 18	D. Oberman	A. Rathwell	Dec. 19, 1960	5	7	22	11	Fresh	D	Clay boulders 18; grey limestone 45; black limestone 50. Water at 34.
Con III, " 20	J. McGrath	E.H. Miller	Dec. 28, 1964	2	5	10	10	"	D	Old well 15; grey clay 22; grey limestone 99. Water at 99.
Con III, " 21	C. Emery	"	Jan. 13, 1964	2	10	12	10	"	D	Hardpan 8; soft grey limestone 102. Water at 102.
Con III, " 25	E. Feller	"	Jan. 12, 1962	3	10	12	10	"	D	Hardpan boulders 16; limestone shale 103. Water at 103.
Con III, " 26	C. Phillips	C.V. Morrison	Jan. 7, 1961	3	13	12	10	"	D, S	Topsoil 2; grey limestone 78. Water at 75.
Con IV, " 6	E. Jones	A. Rathwell	Dec. 21, 1962	3	15	10	10	"	D, S	Blue clay boulder 36; like gravel 33; grey limestone 40; black limestone 50. Water at 48.
Con IV, " 13	E. Carley	E.H. Miller	Nov. 2, 1961	3	7	25	13	"	D, S	Old well 59; soft grey shale limestone 90. Water at 88.
Con IV, " 21	E. McIntire	H. Rathwell	Oct. 5, 1962	3	13	14	14	"	S	Clay gravel 12; grey limestone 50; black limestone 80. Water at 75.
Con IV, " 23	E. Bealey	H.J. Davis	Jun. 9, 1964	5	13	15	12	"	D	Clay 15; limestone 69. Water at 67.
Con V, " 1	S. Snowden	N. Leake	Jul. 3, 1963	3	10	12	10	"	S	Red clay 7; grey limestone 58. Water at 52.
Con V, " 1	S. Snowden	"	Aug. 2, 1963	3	10	22	10	"	S	Red clay 3; grey limestone 48. Water at 45.
Con VI, " 8	A. Leach	"	Oct. 20, 1962	3	8	23	10	"	D, S	Stones gravel 30; limestone 55. Water at 55.
Con VIII, " 11	J. Milhelm	A. Rathwell	Oct. 26, 1962	3	12	12	12	"	D, S	Dug 16; grey limestone 40; black limestone 47. Water at 45.
<b>LYBARK COUNTY</b>										
Almonte Town.	Zephyr Textile Ltd.	C. Goodberry	Jun. 22, 1962	8	140	50	32	Fresh	In	Sand 1 1/2; sandstone 86; limestone 202. Water at 70, 96 and 196.
Almonte Town.	W.E. Beckett	Wall Drilling Ltd.	Aug. 2, 1962	6	10	60	60	"	D	Shaly limestone 80. Water at 60.
Almonte Town	Almonte Hospital	R. Bealey	Aug. 16, 1963	6	30	70	35	"	P	Loam 4; hard grey limestone 105; grey white sandstone 113. Water at 65, 83 and 125.
Almonte Town	H. Robertson	"	Aug. 23, 1963	6	10	40	27	"	D	Sandy loam 4; hard grey limestone 83. Water at 43 and 80.
<b>Bathurst Twp.</b>										
Con I, lot 5	R. Erwin	Thompson Bros.	Jan. 19, 1962	6 1/2	11	76	14	Fresh	D	Brown topsoil 5; loose granite rock 15; black granite 76. Water at 50 and 60.
Con I, " 8	S.J. Voorhouse	A.V. Nugent	Jan. 16, 1963	6	6	35	27	"	D	Clay loam 40; granite 84. Water at 76.
Con I, " 10	C. Aitken	Thompson Bros.	Jun. 19, 1962	2	5	48	18	"	D	Red topsoil boulders 13; red black granite 52. Water at 45.
Con I, " 14	C. Roosen	"	Jun. 19, 1962	2	40	12	12	"	D	Clay loam 4; red granite 50. Water from 30 to 42.
Con I, " 22	W. Noodle	"	Oct. 18, 1964	6 1/2	3	51	18	"	D	Previously drilled 28; white limestone 50; black granite 51. Water at 45.
Con I, " 24	A.J. Stewart	"	Aug. 8, 1960	7	1 1/2	35	14	"	D	Blue clay 6; sandstone 13; black granite 40. Water at 25 and 37.
Con I, " 26	A. McKinley	C. Goodberry well	Jul. 4, 1960	7	1	64	15	"	In	Topsoil boulders 30; red granite 64. Water at 50.
Con I, " 27	A.J. Conlic	Drilling Ltd.	Apr. 6, 1962	2	20	20	7	"	D	Topsoil 1; sand 6; grey granite 95. Water at 89.
Con II, " 2	P. George	Thompson Bros.	Jul. 28, 1960	6	1	27	18	"	D	Brown topsoil 13; red granite 33. Water at 30.
Con II, " 2	J. Stewart	Eastern Ort.	Oct. 21, 1960	2	1	60	30	"	D	Sand 7; red granite 75. Water at 50.
Con II, " 11	E. Closs	W.V. Nugent	Mar. 26, 1962	6	10	30	30	"	D	Sandy loam 30; sandstone 62. Water at 58.
Con II, " 13	G.A. Korry	J.H. Thompson	Oct. 6, 1964	6 1/2	10	30	12	"	D	Dug well 13; brown sandstone 45. Water at 35.
Con II, " 16	K. Erwin	Thompson Bros.	Jul. 24, 1961	6	2	58	10	"	S	Brown topsoil 2; grey granite 20; black granite 58. Water at 48.



LAWRENCE COUNTY  
Bathurst Twp.

LANARK COUNTY - cont.		Bathurst Twp. - cont.													
Loc	Cont.	D. Chaplin	Thompson Bros.	Jan. 19, 1961	6	3	40	15	Fresh	S					
Con II	20	J. Gamble	Thompson Bros.	Jan. 19, 1961	6	3	40	15	"	D	Red granite 45. Water at 29 and 39.				
Con II	21	J. Gamble	"	Apr. 16, 1961	6	2	70	20	"	D	Sandy loam 7; grey granite 70. Water at 60.				
Con II	21	J. Chaplin	W.V. Nugent	Oct. 13, 1961	21	6	48	23	"	D	Sandy loam 9; granite 116. Water at 110.				
Con II	23	F. Finley	"	Jul. 6, 1960	6	5	17	17	"	D	Clay loam 10; red granite 78. Water at 68.				
Con II	25	W.S. Saunders	"	Aug. 5, 1960	6	5	60	18	"	D	Clay loam 8; shale 16; red grey granite 80. Water at 72.				
Con II	26	C. Cox	Thompson Bros.	Sep. 26, 1962	6	20	12	7	"	D	Brown topsoil 13; black granite 27. Water at 23.				
Con III	5	H. Bart	J.H. Thompson	Mar. 17, 1964	6	10	40	10	"	D	Brown topsoil 12; grey sandstone 66. Water at 60.				
Con III	10	W. Jordan	Thompson Bros.	Aug. 29, 1963	6	9	27	18	"	D	Red sand 10; brown sandstone 37. Water at 30.				
Con III	11	Calvin United Church	"	Jun. 13, 1961	6	10	25	18	"	D	Topsoil 15; white sandstone 48. Water at 42.				
Con III	13	J. Korry	"	Aug. 31, 1964	6	5	40	15	"	D	Clay loam 10; shale 15; black granite 50. Water at 45.				
Con III	14	T. Stafford	J.R. Thompson	Nov. 25, 1964	6	20	34	20	"	D	Topsoil 18; brown sandstone 46. Water at 40.				
Con III	15	H. Chaplin	Thompson Bros.	Feb. 8, 1963	6	16	50	12	"	S	Brown topsoil 3; red black granite 94. Water at 90.				
Con III	16	"	"	Aug. 14, 1961	6	1	36	10	"	S	Red sand 10; sandy shale 20; red granite 59. Water at 36.				
Con III	18	W. McFarlane	"	Sep. 29, 1961	6	1	50	16	"	D	Brown topsoil 2; brown sandstone 32. Water at 25.				
Con III	18	W. Truelove	"	Apr. 26, 1963	6	15	15	2	"	D	Clay loam 7; black granite 64. Water at 58.				
Con III	18	A. McFarlane	"	Oct. 25, 1963	6	2	64	10	"	D	Clay loam 8; grey granite 82. Water at 75.				
Con III	19	I. Johnston	"	Jul. 2, 1963	6	3	82	10	"	D	Sandy loam 16; black red granite 164. Water at 108.				
Con III	20	C.W. Baird	W.V. Nugent	Aug. 18, 1960	6	2	164	22	"	D	Sand gravel 12; hardpan soft granite 26; hard granite 68. Wb				
Con III	20	Ont. Dept. of Highways	G.H. Chalk Jr.	Jun. 15, 1961	6	15	20	8	"	P	Water at 30 and 65.				
Con III	20	S. Casabet	Thompson Bros.	Jul. 24, 1963	6	14	15	10	"	D	Brown topsoil 2; grey granite 26. Water at 24.				
Con III	20	J. Auchterlonie	J.R. Thompson	Aug. 7, 1964	6	1	91	14	"	D	Topsoil 5; grey granite 91. Water at 65.				
Con III	22	T. Rounding	W.V. Nugent	Feb. 16, 1962	6	8	50	12	"	D,S	Sandy loam 4; granite 102. Water at 96.				
Con III	22	D. Brady	Thompson Bros.	Jan. 11, 1963	6	3	46	8	"	D	Clay loam 5; black granite 46. Water at 40.				
Con III	22	C. Quartermain	"	Feb. 1, 1963	6	1	66	8	"	D	Clay loam 3; black granite 66. Water at 60.				
Con III	22	K. Blair	"	Aug. 3, 1963	6	10	20	9	"	D	Brown topsoil 2; grey granite 30. Water at 20.				
Con III	22	J. McIntyre	W.V. Nugent	Sep. 18, 1963	6	5	53	4	"	S	Black granite 29. Water at 20.				
Con III	24	T. Sutherland	J.R. Thompson	Apr. 14, 1964	6	10	15	4	"	D	Topsoil 5; black granite 80. Water at 60.				
Con III	24	D. Fielding	"	Apr. 28, 1964	6	1	80	30	"	D	Topsoil 8; red black granite 46. Water at 38.				
Con III	25	W.G. Dopson	"	May 12, 1964	6	16	30	8	"	D	Clay loam 18; shaly granite 23; red black granite 66. Water at 64.				
Con III	26	H. Campbell	W.V. Nugent	Sep. 17, 1962	6	5	41	7	"	D,S	Clay loam 4; soft granite 12; red black granite 64. Water at 58.				
Con III	27	G. Somers	"	Nov. 17, 1960	6	10	28	19	"	D	Sandy loam 10; red granite 110. Water at 98.				
Con III	27	Burch's Motel	"	Feb. 17, 1961	6	15	20	17	"	P	Dark clay 4; grey granite 69. Water at 62.				
Con III	27	I. Murrie	Thompson Bros.	May 27, 1962	6	5	50	18	"	D	Stony topsoil 9; black granite 59. Water at 38 and 48.				
Con III	27	J. Watt	"	May 14, 1963	6	3	59	2	"	D	Sand loam 3; sandstone rock 75. Water at 68.				
Con IV	10	N. McLaughlin	"	Apr. 1, 1963	6	10	Flows	Flows	"	D	Clay boulders 30; red granite 66. Water at 54.				
Con IV	11	C. Ferrer	Thompson Bros.	Oct. 5, 1960	6	2	50	18	"	D,S	Sandy loam 10; clay loam boulders 41; red granite 73.				
Con IV	12	B. Perkins	"	Dec. 19, 1963	6	2	50	17	"	D	Water from 55 to 70.				
Con IV	12	J. Gamble	"	Dec. 19, 1963	6	2	50	17	"	D	Clay boulders 18; black granite 121; red granite 130; black granite 141; black red granite white quartz 150. Water at 141.				
Con IV	13	A. Geddes	"	Sep. 25, 1961	6	1	140	8	"	D,S	Clay boulders 23; black red granite 179. Water at 65 and 140.				
Con IV	13	C. Jordan	J.R. Thompson	Nov. 5, 1964	6	1	179	17	"	D	Clay loam 6; black granite 40; red granite 65; grey granite 80; black granite 142. Water at 132.				
Con IV	24	Dr. F. Stinson	Thompson Bros.	May 2, 1961	6	5	110	8	"	D,S					

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA. FEET	PUMP-ING TEST LEVEL	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
Con V lot 5	R. Cardiff	C. Goodberry Well Drilling Ltd.	Jan. 18, 1962	6	3	33	25	Fresh	D	Sand 5' red sandstone 29' red granite 35'. Water at 29.
Con V " 6	C. Strong	Thompson Bros.	Nov. 12, 1962	6	5	30	10	"	D	Red sand 7'; red granite 40'. Water at 35.
Con V " 11	H. Blair	W.V. Nugent	Oct. 1, 1960	1	5	22	18	"	D, S	Sandy loam 7'; shelly granite 15' red gray granite 50'. Water at 45.
Con V " 11	J. True-love	"	Oct. 9, 1960	6	5	28	23	"	D	Sandy loam 6'; shelly granite 12' red gray granite 46'. Water at 40.
Con V " 12	B. Cameron	C. Dufresne	Jul. 15, 1963	2	5	25	12	"	D, S	Gravel boulders 12'; granite 104'. Water at 100.
Con V " 13	B. Stewart	Thompson Bros.	Sep. 15, 1961	2	2 1/2	50	10	"	D	Red granite 20'; black granite 50'. Water at 42.
Con V " 13	R. Taylor	"	Aug. 15, 1963	6 1/2	6	20	12	"	D	Brown topsoil 10'; hardpan 27'; red granite 80'. Water at 70.
Con V " 20	C. Crockett	W.V. Nugent	Aug. 31, 1960	6	1 1/2	50	14	"	D, S	Sand 4'; red granite 50'. Water at 40.
Con V " 23	G. Richmond	C. Goodberry Well Drilling Ltd.	Jan. 10, 1962	6	10	100	22	"	D, S	Old well 14'; brown granite 100'; gray granite 117'. Water at 100.
Con V " 24	E. Reister	W.V. Nugent	Mar. 28, 1962	6	20	30	11	"	D, S	Loam 2'; granite 60'. Water at 55.
Con V " 25	J. Vandenberg	"	Aug. 5, 1960	6	20	17	9	"	D, S	Clay loam 23'; hardpan boulders 43'; red granite 88'. Water at 74 and 83.
Con V " 25	L. Engley	"	Jun. 26, 1962	6	12	16	14	"	D	Clay loam 16'; granite 70'. Water at 63.
Con V " 26	C. Dobbie	Thompson Bros.	Sep. 20, 1960	7	2	30	23	"	D	Clay boulders 35'; gray granite 50'. Water at 46.
Con V " 27	M. McMillan	W.V. Nugent	Feb. 4, 1964	6	20	7	5	"	D	Clay loam 15'; granite 50'. Water at 45.
Con V " 3	C. W. M. Black	J.R. Thompson	Sep. 7, 1964	6 1/2	6	24	14	"	D, S	Stony topsoil 5'; black granite 145'. Dry hole.
Con VI " 9	H. Blair	W.V. Nugent	Jul. 23, 1960	6	20	40	19	"	D, S	White limestone 26'; black granite 38'. Water at 28.
Con VI " 9	S. Peters	"	May 13, 1963	6	15	36	Flows	"	D, S	Red black granite 164'. Water at 151.
Con VI " 20	D. Burns	"	Jul. 10, 1962	6	12	90	9	"	D	Sandy loam gravel 3'; shale seems 10'; granite 55'. Water at 51.
Con VII " 21	E.E. Steele	"	Mar. 8, 1961	6	1	70	9	"	D	Clay loam 10'; soft shaly granite 17'; red black granite 110.
Con VII " 21	D. James	"	Jan. 19, 1962	6	15	9	9	"	D	Water at 104.
Con VII " 21	D. Fennett	Thompson Bros.	Jan. 12, 1961	7	1 1/2	73	12	"	D, S	Sandy loam 14'; red black granite 82'. Water at 50.
Con VII " 22	D. Carson	J.R. Thompson	Oct. 21, 1964	6 1/2	12	38	18	"	D, S	Clay loam 8'; granite 77'. Water at 70.
Con VII " 23	D. Irvin	Thompson Bros.	Nov. 28, 1962	7	12	38	18	"	D	Topsoil boulders 26'; red black granite 98'. Water at 66.
Con VII " 25	E. Villeneuve	M.H. Gray & Son	Oct. 19, 1964	7	3	26	11	"	D	Topsoil boulders 15'; gray granite 54'. Water at 52.
Con VII " 10	E. E. Reays	Thompson Bros.	Feb. 12, 1961	7	4	41	20	"	D, S	Sandy loam 31'; shale 15'; gray granite 76'. Water at 53.
Con VII " 19	R. Cunningham	W.V. Nugent	Dec. 26, 1960	7	4	70	45	"	D, S	Brown topsoil 18'; gray granite 61'. Water at 58.
Con VII " 20	A. Bowes	Thompson Bros.	Dec. 17, 1964	6 1/2	5	90	20	"	D	Sandy loam 15'; red black granite 95'. Water at 49.
Con VII " 21	J. Beute	"	Feb. 9, 1962	6 1/2	5	45	12	"	D	Clay loam 12'; black granite 100'. Water from 38 to 65.
Con VII " 22	"	"	"	"	"	"	"	"	"	Sandy loam boulders 26'; gray granite 57'. Water from 42 to 52.
Con VII " 23	J. Hughes	W.V. Nugent	May 22, 1961	6	11	42	28	"	D, S	Clay loam 20'; granite 125'. Water at 96.
Con VII " 24	S. Cameron	"	Nov. 6, 1962	6	8	40	29	"	D, S	Clay 7'; granite 150'. Water at 135.
Con VII " 25	J. Irvin	Thompson Bros.	Feb. 4, 1961	6	5	80	15	"	D, S	Topsoil boulders 52'; gray granite 103'. Water at 75 and 95.
Con VII " 25	W.A. Croft	W.V. Nugent	Mar. 9, 1961	6	10	36	27	"	D, S	Clay 28'; clay gravel 35'; granite 122'. Water at 111.
Con VII " 9	E. Card	"	Jan. 18, 1961	6	10	45	32	"	D, S	Sandy loam 18'; granite 90'. Water at 85.
Con VII " 17	D. Bowes	Thompson Bros.	Oct. 27, 1960	6 1/2	1	30	14	"	D, S	Dug well 12'; drilled red granite 36'. Water at 32.
Con VII " 18	E. Hughes	"	Jan. 10, 1961	6 1/2	3 1/2	40	15	"	D, S	Clay well 7'; black granite 49'. Water at 42.
Con VII " 20	A. M. Yull	C. Dufresne	Nov. 24, 1961	2	6	22	18	"	S	Clay boulder 32'; limestone 80'. Water at 75.
Con VII " 21	M. Morris	Thompson Bros.	Sep. 5, 1963	6 1/2	10	17	3	"	S	Blue clay 16'; gray granite 32'. Water at 27.
Con VII " 22	N. Bell	W.V. Nugent	Apr. 10, 1961	6	14	40	29	"	D, S	Clay loam 50'; granite 110'. Water at 92.
Con VII " 23	S. Bell	"	May 22, 1961	6	10	36	18	"	D, S	Granite 80'; limestone 87'. Water at 80.
Con VII " 24	C. Bulloch	"	Jun. 12, 1961	6	11	40	29	"	D, S	Clay 60'; granite 119'. Water at 110.
Con VII " 24	B. McCann	Thompson Bros.	Dec. 22, 1960	6	3	40	20	"	S	Topsoil 3'; black granite 54'. Water at 48.

LANARK COUNTY - cont.

Bathurst Twp. - cont.		Thompson Bros.		Dec. 3, 1964		6		55		30		Fresh		D			
Con IX	lot 24	J. Ennis		May 30, 1960	6	6	1 1/2	100	30	30		"		D		Clay loam 12; grey granite 38; red granite 45; black granite 63. Water from 45 to 58.	
Con X	" 10	H. Ennis	"	Aug. 16, 1961	6	6	2	36	15	20		"		D		Brown soil 5; black granite 100. Water at 55 and 85.	
Con X	" 17	A. Wylie	"	Jul. 30, 1960	5	5	2	70	20			"		D		Red clay 6; black granite 40. Water at 36.	
Con X	" 20	P. Ferguson	"	Jul. 30, 1960	5	5	2	70	20			"		D		Red topsoil 4; grey granite 14; white limestone 83. Water at 65.	
Con X	" 22	J. Ferguson	J. B. Dufresne Co. Ltd.	Oct. 18, 1961	3	3	2	55	26			"		C		Old well drilled 42; red rock 143. Water at 133.	
Con X	" 22	I. Scott	"	Apr. 29, 1964	2	2	12	18	8			"		D		Boulders sand 6; rock white limestone granite 48. Water at 45.	
Con X	" 23	W. Kerr	Thompson Bros.	Nov. 24, 1961	7	7	8	40	28			"		D		Brown topsoil 12; black granite 72. Water at 69.	
Con XI	" 7	R. Larron	"	Dec. 2, 1960	7	7	35	35	14			"		D		Gravel sand 25; white limestone 30; gravel 47. Water at 35.	
Con XI	" 13	W. Ennis	"	Jun. 9, 1960	7	7	1 1/2	27	27			"		D		White limestone 70. Water at 65.	
Con XI	" 19	A. Ennis	"	Feb. 20, 1961	6	6	4	72	24			"		D		Clay loam 4; black granite 81. Water at 76.	
Con XI	" 20	E. Reute	"	Sep. 28, 1964	6	6	4	70	41			"		D		Clay loam 10; red granite 38; grey granite 61; brown limestone 76; white limestone 87. Water from 76 to 84.	
Con XI	" 21	E. Burnham	"	Aug. 7, 1962	6	6	5	40	12			"		D		White limestone 64. Water at 60.	
Con XI	" 24	C. Larnier	"	Oct. 4, 1964	6	6	10	45	14			"		D		Clay loam 3; red granite 73. Water at 65.	
Con XII	" 19	M. Ashty	W.V. Nugent	Sep. 14, 1961	6	6	10	45	40			"		D		Sandy loam 6; shale 6; white limestone 70. Water at 60.	
Con XII	" 21	J. Playfair	Thompson Bros.	Nov. 28, 1960	5	5	5	70	30			"		D		Gravel topsoil 26; rock 70. Water at 65.	
Con XII	" 22	S. Montell	"	Jul. 12, 1964	5	5	5	48	12			"		D		Red sand boulders 10; loose rock 18; white limestone 55. Water at 48.	
Peakville Twp.																	
Con I	lot 3	R. Lackey	C.V. Morrison	Apr. 1, 1960	4	4	5	6	6			Fresh		D		Dug well 12; sandy limestone 42. Water at 40.	
Con I	" 23	K. Law	Moloughney Well Drilling	Jul. 15, 1963	5	5	7	20	Flows			"		D		Salt 1; limestone 33. Water at 33.	
Con II	" 2	C. Bell	C.V. Morrison	Jan. 10, 1962	4	4	5	11	9			"		D		Topsoil 8; sandy limestone 66. Water at 60.	
Con II	" 2	A. Bell	"	Jan. 12, 1962	4	4	5	10	10			"		D		Sandy loam 8; sandy limestone 66. Water at 60.	
Con II	" 6	A. Bell	W.V. Nugent	Jan. 12, 1961	6	6	8	25	12			"		D		Sandy loam 2; sandstone 43. Water at 40.	
Con II	" 10	W.A. Clark	"	Jan. 12, 1963	6	6	13	22	17			"		D		Clay loam 3; seamy shale 19; sandstone 51. Water at 46.	
Con II	" 10	E. Stocker	"	May 25, 1961	6	6	7	30	18			"		D		Shale 10; sandstone 49. Water at 40.	
Con II	" 11	D. Irvine	C.V. Morrison	Mar. 8, 1962	4	4	5	40	35			"		D		Topsoil 2; sandy limestone 100. Water from 80 to 100.	
Con II	" 11	"	W.V. Nugent	Apr. 24, 1962	6	6	10	30	11			"		D		Sandy loam 1; seamy sandstone 13; hard grey sandstone 55. Water at 51.	
Con III	" 2	A. Stevens	M. McLaughlin	Dec. 1, 1961	6	6	10	48	40			"		D		Clay stones 6; sandstone 50; sandstone layers sand 75. Water at 70.	
Con III	" 10	W. Dobson	W.V. Nugent	Jul. 25, 1961	6	6	10	28	22			"		D		Sandy loam 4; sandstone 73. Water at 64.	
Con III	" 10	A. Anderson	"	Sep. 2, 1964	6	6	8	40	25			"		D		Sandy loam 6; sandstone 74. Water at 70.	
Con III	" 11	J. Nolan	"	May 14, 1960	6	6	25	30	12			"		D		Sandy loam 4; shale sandstone 12; hard grey sandstone 71. Water at 65.	
Con III	" 11	J. Currie	"	Jul. 25, 1963	6	6	10	40	18			"		D		Clay loam 12; sandstone 75. Water at 68.	
Con III	" 13	J. Nolan	M. McLaughlin	Nov. 20, 1963	4	4	20	13	2			"		D		Sandy loam 8; sandstone 60. Water at 57.	
Con III	" 13	A. Herzberg	"	Oct. 12, 1961	4	4	15	14	12			"		D		Clay loam 9; grey limestone 25. Water at 55.	
Con III	" 26	C. Saunders	M. McLaughlin	Oct. 30, 1963	7	7	10	27	20			"		D		Sand loam 3; limestone 30; sandstone 63. Water at 58.	
Con III	" 27	"	"	Oct. 25, 1960	5	5	10	45	20			"		D		Sand loam 8; sandstone 62. Water at 52.	
Con IV	" 27	Prospect	Capital Water Supply	Jul. 12, 1962	5	5	10	35	10			"		P		Gravelly loam 3; blue black limestone 55. Water at 40 and 64.	
Con V	" 19	Burton Bros	M. McLaughlin	Nov. 26, 1960	6	6	20	50	26			"		S		Sand loam 10; sandstone 85. Water at 65.	
Con VI	" 1	J.F. Shell	W.C. Coleman	Oct. 4, 1962	5	5	6 1/2	13	13			"		D		Topsoil 3; yellow sandstone 6; grey sandstone 34. Water at 33.	

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix G.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
1. BAKER COUNTY - cont. Con VI	P. Twigg	W.C. Coleman	Oct. 15, 1960	4	7	20	20	Fresh	D	Previously dug well 20; previously drilled 37; sandstone 55. Water at 52.
Con VI	"	"	Nov. 22, 1962	5	15	16	16	"	D	Topsoil 7; yellow sandstone 10; dark grey limestone 39. Water at 39.
Con VI	W. Flagg	C.V. Morrison	Oct. 13, 1962	5	5	30	30	"	D, S	Clay stones 9; limestone 80. Water from 70 to 80.
Con VI	G. Briscoe	M. McLaughlin	Oct. 21, 1964	6	15	38	30	"	D, S	Sand loam 6; sandstone 70. Water at 64.
Con VII	R. Byres	W.C. Coleman	May 7, 1962	5	8	6	6	"	D	Topsoil 10; hardpan 13; soft brown rock 26. Water at 26.
Con VII	L. McMillen	"	Jun. 19, 1964	4	12	12	10	"	D	Topsoil 7; yellow sandstone 19; brown limestone 50. Water at 30.
Con VII	H.G. Francis	"	Mar. 21, 1962	6	8	12	6	"	D	Topsoil 4; grey sandstone 28; dark brown soft rock 44. Water at 44.
Con VII	R.C. Nesbitt	"	Jun. 24, 1963	4	12	12	12	"	D	Topsoil 5; yellow sandstone 33; red soft rock 46; grey soft limestone 57; hardpan 34. Water at 52.
Con VII	A. Coleman	"	Mar. 13, 1961	5	7	22	22	"	D	Topsoil 15; grey sandstone 57; soft grey sandstone 61. Water at 60.
Con VIII	S. Coleman	"	Jun. 21, 1960	4	6	11 1/2	11 1/2	"	D	Topsoil 5; grey sandstone 7; yellow sandstone 20. Water at 20.
Con VIII	E. Gruson & J. Allen	"	May 17, 1960	4	8	28	"	"	D	Topsoil 15; brown limestone 30; red granite 33. Water at 33.
Con VIII	M. Coleman	"	Jun. 11, 1960	4	8	4 1/2	4 1/2	"	D	Topsoil 6; grey sandstone 22. Water at 22.
Con VIII	N. Manzoni	"	Jul. 2, 1960	4	5	12	12	"	D	Previously drilled 31; grey sandstone 52. Water at 52.
Con VIII	R.D. Munro's	"	Jul. 29, 1960	5	7	12	12	"	P	Previously drilled 60; brown sandstone 74. Water at 70.
Con VIII	J. Moore	"	Aug. 18, 1964	4	7	12	5	"	D	Topsoil 10; yellow sandstone 27; red limestone 30; grey granite 37. Water at 37.
Con VIII	A. McAllister	"	May 22, 1961	4	8	8	8	"	D	Topsoil 4; yellow sandstone 14; gravel 16; soft grey rock 40. Water at 37.
Con VIII	S.S. 8	"	Dec. 30, 1960	5	7 1/2	12	8	"	P	Topsoil 13; hard dark limestone 46. Water at 46.
Con VIII	W. Lavender	M. McLaughlin	Sep. 13, 1960	6	20	32	18	"	D	Clay 5; sandstone 50. Water at 45.
Con VIII	H. VanDusen	"	Jul. 15, 1960	6 1/2	3	23	13	"	D	Clay 3; grey limestone 30. Water at 27.
Con VIII	D. McNeely	C.V. Morrison	Apr. 29, 1962	4	5	25	25	"	D	Sandy loam 2; sandy limestone 36. Water at 50.
Con VIII	C. Johnston	M. McLaughlin	Jul. 24, 1964	7	10	30	7	"	S	Sand loam 2; sandstone 83. Water at 58.
Con VIII	W.G. Robertson	M.V. Nugent	Jul. 24, 1961	6	10	38	13	"	S	Sandy loam 2; shale 5; sandstone 83. Water at 75.
Con VIII	A. Gardiner	W.C. Coleman	Nov. 11, 1960	5	7 1/2	18	2	"	D	Topsoil 2; dark limestone 34; white sandstone 38. Water at 20.
Con VIII	C. Dufresne	J. Shackleton	Jan. 23, 1962	7	5	18	18	"	D	Previously drilled 35; sandstone 40. Water at 40.
Con VIII	G. Johnston	M. McLaughlin	Dec. 7, 1963	2	6	50	6	"	D, S	Sandstone 40; grey granite 80. Water at 60.
Con IX	W.C. Coleman	"	Mar. 9, 1960	4	5	12	12	"	D	Topsoil 11; yellow sand 20; brown limestone 45; red granite 53. Water at 53.
Con IX	E. Dokken	"	Jan. 16, 1963	4	15	12	4	"	D	Topsoil 7; yellow sandstone 22; grey sandstone 25; hardpan 32; yellow sandstone 37; red granite 49. Water at 46.
Con IX	M.A. Romanuk	M. McLaughlin	May 18, 1962	5	10	10	8	"	D	Sand loam 2; sandstone rock 46. Water at 39.
Con IX	McEllely Shore Cottagers Ass.	Supply	Jun. 7, 1961	5	14	17	10	"	D	Sandy loam boulders 3; brown sandstone 45. Water at 42.
Con IX	S. Hughes	"	Jun. 9, 1961	5	17	15	9	"	D	Slab rock sandstone 7; brown sandstone 43. Water at 41.
Con IX	H. Shell	W.V. Nugent	Feb. 2, 1962	5	10	27	25	"	D	Loam 1; broken sandstone 10; brown sandstone 37. Water at 35.
Con IX	A. Hudson	M. McLaughlin	Nov. 8, 1961	6	5	50	36	"	D, S	Shale 6; sandstone 84. Water at 80.
Con IX	E. Ehlsson	"	Nov. 3, 1960	6 1/2	20	33	18	"	D	Sand loam 1; sandstone 55. Water at 48.
Con IX	J. Finlayson	C.V. Morrison	Oct. 15, 1962	4	10	29	18	"	D	Clay 1; sandstone 70. Water at 60.
Con IX	"	"	Oct. 25, 1962	4	5	55	12	"	D	Limestone 40; sandy limestone 55; sandy limestone 72. Water at 40 and 70.
Con IX	Beckwith Twp. T. Hudson	M. McLaughlin	Dec. 21, 1962	6	20	5	4	"	C	Sandstone rock layers sand 85. Water at 60.
CON VIII	"	"	Dec. 19, 1962	6	10	18	4	"	S	Clay boulders 5; hard sandstone 52. Water at 40.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
LANARK COUNTY - cont. Beckwith Twp. - cont.										
Con XII " 12	J.B. Lamb	F.P. Sparks	Aug. 20, 1964	4	5	14	6	Fresh	D	Shale 8;sandstone 28. Water at 25.
Con XII " 16	J. McNeely	M. McLaughlin	Jun. 20, 1961	6	15	13	10	"	D	Clay loam 4;sandstone rock 16;brown granite 65. Water at 55
Con XII " 17	E.D. Orton	C. Dufresne	May 16, 1960	2	4	22	14	"	D	Limestone 52. Water at 36.
Con XII " 17	W. Fraser	M. McLaughlin	Jun. 29, 1961	6	20	12	10	"	D	Clay loam 2;sandstone 27;granite 50. Water at 35.
Con XII " 17	H.C. Nicholson	McLean Water Supply Ltd.	Jul. 19, 1963	6	3	36	6	"	D	Limestone 39. Water from 22 to 39.
Con XII " 17	E. Sheehan	"	Sep. 25, 1964	6	5	30	7	"	D	Limestone 40. Water at 40.
Con XII " 18	A. Lavigne	M. McLaughlin	Sep. 3, 1964	6	10	16	7	"	D	Clay 1;sandstone 10;limestone 32. Water at 28.
Con XII " 23	B. McEae	C. Goodberry	Aug. 14, 1960	6	30	25	18	"	D, S	Topsoil 1;sand boulders 10;limestone 76. Water at 70.
Con XII " 24	A.O'Brien	Well Drilling Ltd. F. Sparks	Mar. 10, 1964	4	5	12	8	"	D, S	Loam 10;limestone 50. Water from 30 to 50.
Carleton Place Town										
Carleton Place	A. Hamilton	C.V. Morrison	Mar. 29, 1960	4	5	20	20	Fresh	D	Topsoil 6;sandy limestone 67. Water from 60 to 67.
Carleton Place	O. Porteous	P.E. Johnston	Jul. 6, 1960	5	3	30	6	"	D	Medium gray limestone 36. Water at 32.
Carleton Place	A. Hamilton	C.V. Morrison	Sep. 7, 1960	4	5	18	18	"	D	Topsoil 5;limestone 77. Water at 75.
Carleton Place	P.J. Dodson	W.V. Nugent	Dec. 6, 1960	6	2	47	22	"	D	Clay loam 15;hard gray sandstone 58. Water at 45.
Carleton Place	J. Kingdon Hall	"	Jan. 23, 1961	6	9	30	22	"	P	Shale 16;sandstone 56. Water at 50.
Carleton Place	J. Garin	"	Jul. 6, 1961	6	10	30	25	"	D	Shale 4;sandstone 50. Water at 45.
Carleton Place	W.J. Dorehue	"	Jul. 31, 1961	6	20	24	27	"	D	Sandy loam 5;sandstone 38. Water at 32.
Carleton Place	T. Lackey	"	Aug. 17, 1961	6	2	66	37	"	D	Shale 6;sandstone 66. Water at 61.
Carleton Place	A. Love	W.C. Coleman	Sep. 30, 1961	5	2	34	34	"	D	Previously drilled 64;gray sandstone 75. Water at 75.
Carleton Place	D. Hamilton	C.V. Morrison	Nov. 8, 1961	4	6	32	25	"	D	Dark sandy soil stones 24;gray limestone 55;sand gray limestone 79. Water at 38 and 77.
Carleton Place	A. Artucyle	Thompson Bros	Jul. 5, 1962	7	15	20	18	"	D	White sandstone 30;brown sandstone 78. Water at 50 and 74.
Carleton Place	C. Bridell	W.V. Nugent	Sep. 11, 1962	6	7	25	18	"	D	Sandy loam 2;seamy sandstone 20;gray sandstone 59. Water at 51.
Carleton Place	M. Mulvey	C. Dufresne	Sep. 17, 1962	2	4	25	12	"	D	Sand boulder 8;limestone 60. Water at 58.
Carleton Place	W. Flynn	W.V. Nugent	Sep. 26, 1962	6	12	18	8	"	D	Sand loam 7;shaly sandstone 12;hard gray sandstone 59. Water at 55.
Carleton Place	A. Shabot	M. McLaughlin	Dec. 17, 1962	7	10	35	18	"	D	Sandstone 11;sandstone rock 80. Water at 65.
Carleton Place	M. Hamilton	"	Apr. 18, 1963	6	10	30	10	"	D	Clay 2;sandstone rock 65. Water at 55.
Carleton Place	Wholesale	"	May 14, 1963	6	10	30	9	"	C	Clay loam 2;red granite 30;gray granite 68. Water at 55.
Carleton Place	J. Sovey	"	Jun. 6, 1963	6	10	28	10	"	C	Clay loam 2;sandstone 50. Water at 43.
Carleton Place	L. Fraser	"	Aug. 29, 1963	6	30	22	22	"	D	Sand loam 4;sandstone rock 64;granite 85. Water at 74.
Carleton Place	R. St-Jean	"	Feb. 6, 1964	6	10	40	25	"	D	Sand loam 1;broken layers sandstone 4;sandstone 70. Water at 60.
Carleton Place	G. Deschamps	W.V. Nugent	May 22, 1964	6	14	18	7	"	D	Sandy loam 5;shale 8;sandstone 50. Water at 46.



LANARK COUNTY - cont.

Con	D. Poster	Thompson Bros.	Nov. 25, 1963	6	3	60	8	Fresh	D, S	Previously drilled 42; white limestone 44; black granite 60. Water at 58.
Con III	C. Hall	"	Dec. 14, 1961	6½	2	60	30	"	D	Blue clay 5; gravel 30; blue clay 60; gravel 67. Water at 62.
Con III	C. Flood	"	Nov. 16, 1961	7	1	50	25	"	S	Clay boulders 15; hardpan 48; gravel 50. Water at 48.
Con III	"	"	Nov. 15, 1963	7	5	85	16	"	D, S	Previously drilled 50; clay loam 57; white limestone 105. Water at 95.
Con III	B. Johnson	W.V. Nugent	Jun. 22, 1962	6	12	34	10	"	D	Sandy loam 12; white limestone 50. Water at 46.
Con III	C. Cole	"	Aug. 10, 1963	6	1½	50	11	"	D	Sandy loam 5; white limestone 31; grey black granite 39½; white limestone 58½. Water at 51.
Con IV	H. Percy	"	Oct. 24, 1962	6	3	45	23	"	D	Sandy loam 8; shaly granite 13; black granite 62. Water at 49
Con VI	M. Closs	Thompson Bros.	Apr. 1, 1963	6½	5	58	25	"	D	Sandy topsoil 30; white limestone 68. Water at 62.
Con VII	A. Umpherson	W.V. Nugent	Apr. 8, 1963	6	1	30	8	"	D	Sand 1; granite 44. Water at 40.
Con VII	M. Innes	"	Jun. 29, 1964	6	20	11	11	"	D	Sand gravel 12; white limestone 37. Water at 34.
Con VIII	R. Anderson	Thompson Bros.	Oct. 31, 1961	6½	145	145	90	"	D	White sand 34; black granite 104; grey limestone 136; black granite 145. Water at 110.
Con VIII	Dalhousie	"	Aug. 23, 1960	5	½	55	22	"	P	Red sand boulder gravel 60. Water at 54.
Con VIII	School Board	"	Aug. 3, 1961	5	2	105	24	"	P	Previously drilled 60; white limestone 112. Water at 95.
Con VIII	J. Smith	W.V. Nugent	Aug. 21, 1963	5	17	11	11	"	P	Sandy loam 8; shaly limestone 18; white limestone 52. Water at 45.
Con VIII	J. Park	"	Mar. 16, 1963	6	4	43	19	"	D, S	Shaly hard granite 20; hard red black granite 71. Water at 67.
Con IX	Agriculture Society	Thompson Bros.	Sep. 16, 1963	6	5	35	15	"	P	Red sandy loam boulders 23; white limestone 33; red granite 54. Water at 45.
Con IX	M. Donald	"	Nov. 30, 1961	6½	1	40	20	"	D	Gravel 26; black granite boulder 37; gravel 42. Water at 38.
Con IX	J. Verrell	"	Dec. 24, 1964	6	5	65	18	"	D	Sandy topsoil boulders 15; white limestone 72. Water from 35 to 65.
Con IX	D. Gemwell	"	Dec. 3, 1962	6	1	50	20	"	D	Clay boulders 21; grey granite 50. Water at 39.
Con IX	J. Alves	W.V. Nugent	Apr. 11, 1964	6	12	26	18	"	D	Sandy loam 28; quicksand 32; white limestone red granite 100. Water at 82, 86 and 94.
Con X	J. Frey	"	Aug. 17, 1962	6	15	18	11	"	D	Sandy loam 5; shaly granite 15; red black granite 36. Water at 33.
Con XI	C. Robinson	"	Jan. 3, 1962	6	2	41	19	"	D, S	Sandy loam 20; granite 72. Water at 60.
Con XI	F. McKinnon	Thompson Bros.	Sep. 24, 1962	6	5	40	18	"	D	Clay loam 9; white limestone 50; brown limestone 65. Water from 38 to 60.
Con XI	D. McVeigh	W.V. Nugent	Aug. 11, 1962	5	5	43	43	"	D	Sandy loam 5; shaly limestone 26; white limestone 72. Water at 69.
Con XI	L. Duncan	"	Oct. 13, 1962	7	9	31	22	"	D, S	Sand boulders 40; soft sandy limestone 81. Water at 75.
Con XII	L. Gleason	Thompson Bros.	Nov. 22, 1962	6	5	48	12	"	D	Clay boulders 11; red granite 63. Water at 52.
Darling Twp.										
Con I	O. Ranger	C. Goodberry Well Drilling Ltd.	Sep. 21, 1962	6	7	42	8	Fresh	D	Sand 1; clay boulders 17; blue limestone 51. Water at 48.
Con II	W. Laroque	W.V. Nugent	Mar. 7, 1961	6	½	35	8	"	D	Sandy loam 9; black granite 48. Water at 31.
Con II	G. Stroud	"	Aug. 7, 1963	6	1½	51	15	"	D	Sandy loam 2; white limestone 62. Water at 41.
Con IV	A. Guthrie	C. Goodberry Well Drilling Ltd.	Aug. 6, 1962	6	1½	155	21	"	D, S	Sand 5; clay 21; white limestone 162. Water at 75.
Con IV	H. Horne	"	Nov. 1, 1962	6	1	96	26½	"	D	Topsoil 1; sand boulders 8; black grey rock 20; white green limestone 74; black grey granite 99. Water at 61 and 94.
Con IV	B. Boyle	W.V. Nugent	Jun. 27, 1962	6	22	45	17	"	D	Sandy loam 9; white limestone 66. Water at 61.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LANSK COUNTY - cont. Darling twp. - cont. Con V lot 6	Oreana Marble Tile Mfg. Co. Ltd.	A. Stanton	Jun. 15, 1963	6	3	285	60	Fresh	D	White limestone 250; black granite 300. Water at 133 and 285.
Con V " 8	A. Wark	C. Goodberry Well Drilling Ltd.	Aug. 26, 1961	6	7	40	14	"	D.S	Topsoil 1; sand boulders 10; white limestone 51. Water at 48.
Con VI " 1	J. Wark	"	Aug. 14, 1961	6	5	100	27	"	D.S	Topsoil 2; sand 5; white limestone 110. Water at 105.
Con VIII " 24	R. Dallaire	F.R. Cossette	May 27, 1963	2	1	30	11	"	D	Scudlers topsoil 3; grey limestone 207. Water at 30.
Con VIII " 24	G. Roue	"	May 29, 1963	2	12	30	7	"	D	Grey limestone 54. Water at 54.
Con VIII " 24	M. Souleau	"	Jun. 17, 1963	2	15	4	4	"	D	Sand; limestone 50. Water at 47.
Con X " 15	F. Stewart	A. Stanton	Mar. 14, 1964	2	5	120	70	"	D	Grey limestone 210; white limestone 265. Water at 167, 229 and 265.
Con X " 20	Pickrel Bay Lodge	"	Feb. 22, 1963	6	10	20	12	"	D	Grey limestone 45. Water at 43.
Con XI " 1	D. Sanders	C. Goodberry Well Drilling Ltd.	Aug. 22, 1964	6	2	170	24	"	D.S	Topsoil 1; sand 15; granite 179. Water at 90.
Con XI " 22	Armand Lamoine Const. Co.	J.E. Duresne & Co. Ltd.	Mar. 14, 1961	6	2	100	17	"	D	Red granite rock 117. Water at 115.
Con XII " 19	L. Jeffrey	K. Presley	Jun. 6, 1962	5	3	80	18	"	D	Limestone 80. Water at 79.
DRUMMOND TWP.										
Con I lot 4	E. King	C.V. Morrison	Oct. 7, 1963	4	7	12	6	Fresh	C	Old well 26; sandstone 76. Water at 74.
Con I " 5	G. Cavanagh	M.V. Nugent	Jul. 21, 1962	6	3	22	17	"	S	Clay loam 6; sandstone 33. Water at 30.
Con I " 6	"	"	Jul. 26, 1962	6	10	14	5	"	S	Clay loam 5; sandstone 21. Water at 17.
Con I " 13	D. Spence	Thompson Bros.	Oct. 17, 1960	6	14	45	14	"	D	Red sand 5; sandstone 51. Water at 50.
Con I " 15	A. Livingston	M. McLaughlin	Sep. 14, 1964	6	20	27	13	"	D.S	Sand loam 3; sandstone 60; red granite 68. Water at 57.
Con I " 20	D. Wright	M.V. Nugent	Aug. 18, 1964	6	13	30	27	"	D.S	Sandy loam 10; sandstone 104. Water at 100.
Con I " 20	C. Dobson	"	Aug. 2, 1962	6	3	21	13	"	D.S	Clay loam 8; sandstone 38. Water at 35.
Con II " 15	D. Wiseman	"	Dec. 5, 1963	6	20	15	2	"	S	Clay loam 4; sandstone 50. Water at 44.
Con II " 18	T. James	"	Sep. 26, 1963	6	18	20	11	"	D.S	Sandy loam 1; shale seamy sandstone 18; sandstone 80. Water at 72.
Con II " 27	H. Day	Thompson Bros.	Oct. 24, 1960	7	14	50	18	"	D	Crown topsoil 18; sandstone 50. Water at 40.
Con III " 1	E. Thomas	"	May 31, 1963	6	5	60	3	"	D	Black topsoil 6; black granite 60. Water at 35 and 57.
Con III " 2	S. Pool	M.V. Nugent	Jul. 24, 1962	6	15	13	11	"	S	Sandy loam 12; sandstone 37. Water at 35.
Con III " 3	E.A. Farrell	J.M. Thompson	Dec. 29, 1964	6	4	71	24	"	D	Dug well 20; hardpan 44; red black granite 71. Water at 60.
Con III " 3	E. McConagel	M.V. Nugent	Jan. 25, 1960	6	30	20	12	"	D	Clay loam 5; sandstone shale 14; hard sandstone 40. Water at 36.
Con III " 3	G. Wickware	M. McLaughlin	Aug. 23, 1960	5	20	29	17	"	D	Clay loam 5; sandstone rock 24; hard sandstone 50. Water at 44.
Con III " 3	E. Kirkham Const. Co.	"	Oct. 11, 1960	6	20	35	16	"	D	Sandy loam 9; sandstone 56. Water at 48.
Con III " 3	J. Scott	M.V. Nugent	Nov. 7, 1960	6	3	35	19	"	D	Clay loam 7; sandstone 42. Water at 30.
Con III " 3	C. Harper	Thompson Bros.	Aug. 31, 1961	7	16	22	6	"	D	Topsoil boulders 10; brown sandstone 40. Water at 32.
Con III " 3	J. Scott	M.V. Nugent	Jul. 3, 1962	6	14	15	8	"	D	Clay loam 6; shale 16; sandstone 35. Water at 32.
Con III " 4	E. Scott	"	May 27, 1964	6	10	18	18	"	D	Clay loam 7; sandstone 40. Water at 35.
Con III " 4	E. Saunders	"	Nov. 19, 1960	6	10	20	9	"	D	Sandy loam 14; sandstone 37. Water at 34.
Con III " 4	C. Moore	"	Nov. 14, 1960	6	10	28	14	"	D	Sandy loam 14; sandstone 40. Water at 34.
Con III " 4	W. Howard	"	Sep. 19, 1962	6	10	21	16	"	D	Clay loam 4; shale heavy sandstone 17; sandstone 52. Water at 47.
Con III " 4	E.A. Goodeson	"	Jul. 5, 1963	6	18	11	8	"	D	Sandy clay 3; sandstone 51. Water at 47.





# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LARABEE COUNTY - cont. Drummond Twp. - cont. Con VII	J.H. Shaw	C. Goodberry Well Drilling Co.	Oct. 15, 1962	5	30	24	16	Fresh	S	Dug well 12;sandstone 66. Water at 60.
Con VII	L. Ryder	Thompson Bros.	Jul. 27, 1962	6	5	20	4	"	D	Clay loam 9;hard brown sandstone 30. Water at 28.
Con VII	N. Richardson	M. McLaughlin	Nov. 28, 1964	6	25	25	4	"	D	Sand 1;grey granite 70. Water at 64.
Con VII	W. Beck	"	Jul. 28, 1963	6	5	46	12	"	D	Clay loam 6;sandstone 60. Water at 50.
Con VII	A.B. Forteous	C.V. Morrison	Oct. 27, 1962	6	17	16	16	"	D	Clay loam 20;limestone 40. Water at 40.
Con VIII	E. Ashby	W.V. Nugent	May 27, 1961	6	10	51	18	"	D,S	Blk clay 77;granite 180. Water at 180.
Con VIII	G. Kenyon	"	Jun. 27, 1961	6	1	51	80	"	D,S	Clay loam 90;gravel 91. Water at 90.
Con VIII	A.S. Kennard	J.E. Dufresne Co. Ltd.	May 6, 1964	2	6	24	5	"	D	Sand 2;sandstone 48. Water at 46.
Con VIII	J.F. MacArthur	C. Dufresne	Jun. 8, 1964	2	5	22	6	"	D	Sand gravel 8;granite 35. Water at 34.
Con VIII	H.C. Wilson & G. Hill	"	Jun. 11, 1964	2	5	22	4	"	D	Clay 3;granite 49. Water at 48.
Con VIII	"	M. McLaughlin	Mar. 19, 1963	6	10	30	15	"	D	Broken layers sandstone 26;sandstone 70;granite 100. Water at 90.
Con VIII	"	"	May 7, 1964	6	10	45	9	"	D	Broken layers rock 5;sandstone 30;grey granite 70. Water at 66.
Con IX	R. McCurdy	Thompson Bros.	Oct. 18, 1962	6	2	134	25	"	D	Clay boulders 72;black granite 134. Water at 130.
Con IX	A. Slack	M. McLaughlin	Oct. 18, 1962	6	5	48	26	"	D,S	Sand loam 20;sandstone 75. Water at 60.
Con IX	"	Thompson Bros.	Jun. 5, 1962	6	5	40	18	"	D	Clay topsoil 5;boulders 12;brown hard sandstone 56. Water at 51.
Con IX	M. McLaughlin	C.V. Morrison	Aug. 28, 1964	5	5	12	10	"	D,S	Limestone 47 to 73. Water at 72.
Con IX	E. Hamilton	"	Aug. 28, 1964	6	15	37	25	"	D,S	Dug well 31;decayed sandy limestone 107. Water at 103.
Con IX	R. Aubrey	M. McLaughlin	Sep. 28, 1964	6	20	20	18	"	D	Clay boulders 30;sandstone 65. Water at 58.
Con IX	C. Hotwell	Thompson Bros.	Oct. 10, 1969	5	22	20	6	"	D	Clay loam 5;black granite 33. Water at 26.
Con IX	V. Fennett	M. McLaughlin	Con. 1, 1963	5	20	27	9	"	D	Clay loam 1;broken layers sandstone 17;sandstone 60;grey granite 80. Water at 72.
Con X	A. King	W.V. Nugent	May 1, 1961	6	9	45	38	"	D,S	Clay loam 40;granite 63. Water at 60.
Con X	G. Davidson	C. Goodberry Well Drilling Ltd.	Dec. 17, 1962	6	25	28	19 1/2	"	D,S	Sand 1;clay boulders 9;red granite 59. Water at 55.
Con X	G. Blair	W.V. Nugent	Oct. 28, 1962	6	10	25	18	"	D,S	Sandy loam clay 35;granite 65. Water at 61.
Con XI	C.F. Dufrey	"	Mar. 15, 1962	6	12	30	11	"	P	Sandy loam 7;granite 109. Water at 102.
Con XI	Dr. T.H. Graham	"	Apr. 10, 1963	6	8	38	11	"	D	Sandy loam 6;red black granite 68. Water at 52 and 64.
Con XI	E. Oakwell	"	Jul. 13, 1964	6	10	15	12	"	P	Sand gravel 10;granite layers clay 32;granite 33;gravel 36. Water at 33 1/2.
Con XI	F. Champagne	J.E. Dufresne	Jul. 27, 1960	4	13	15	11	"	D	Clay boulders 9;gravel boulders 15;sandstone 60. Water at 55.
Con XI	E.A. Hockinson	W.V. Nugent	Jun. 17, 1963	6	10	88	50	"	C	Clay loam boulders 79;hard rock 107. Water at 102.
Con XI	E. White	C. Dufresne	Oct. 30, 1962	2	5	25	8	"	D	Clay 5;granite 50. Water at 45.
Con XII	W. McLaren	W.V. Nugent	Oct. 2, 1961	6	8	30	12	"	D	Sandy loam 20;shale 25;black granite 58. Water at 53.
Con XII	L. Knowles	"	Jun. 5, 1964	6	13	25	22	"	D	Sandy loam 16;granite 56. Water at 51.
Con XII	M. McLeellan	Thompson Bros.	Dec. 10, 1963	6	5	50	16	"	D	Black loam 8;red granite 15;red granite seams 20;black granite 55;red granite 68. Water from 38 to 61.
Con XII	G. Mclellan	J.R. Thompson	Dec. 24, 1964	6	8	22	4	"	D	Clay 3;red granite 37. Water at 25 and 32.
Con XII	E. Prethour	W.V. Nugent	Jul. 20, 1962	6	8	66	18	"	D	Sandy loam clay loam boulders 47;soft shaly rock 55;hard greyish black rock 86. Water at 72.
Con XII	S. Wallows	M. McLaughlin	Feb. 17, 1961	6	20	45	20	"	D,S	Sand loam 12;sandstone 30;red granite 123. Water at 110.

LANSK COUNTY  
Lansark Twp.

Con I	lot 14	H. Stead	Thompson Bros.	Nov. 3, 1962	6½	10	45	7	Fresh	D	Clay boulders 35; limestone 60. Water from 40 to 56.
Con II	" 5	J. Foster	"	Oct. 3, 1962	6	5	50	12	"	D,S	Clay loam 3; shale 6; white limestone 66. Water from 48 to 62.
Con II	" 7	R. Bennett	"	Jun. 20, 1960	7	2	60	12	"	D	Topsoil 1; boulders 23; black granite 33; brown limestone blue clay 65. Water at 45.
Con II	" 7	W. Blair	"	Sep. 2, 1960	6	½	27	9	"	D	Clay boulders 22; black granite 31. Water at 26.
Con II	" 7	M. Woods	"	Aug. 14, 1962	6½	5	27	12	"	D	Red sand boulders 3; grey shale 8; hard grey limestone 47. Water at 40.
Con II	" 16	J. Taylor	"	Nov. 16, 1964	6	5	90	12	"	D	Clay loam 10; blue clay 42; black granite 82; blue limestone 102. Water at 95.
Con II	" 18	N. Wilson	W.V. Nugent	Jan. 11, 1964	6	15	20	11	"	D	Sandy loam 6; sandy limestone 15; white limestone 75. Water at 67.
Con II	" 18	F. Kells	C. Goodberry Well Drilling Ltd.	Mar. 28, 1963	6½	3	65	3	"	D	Sand 1; clay boulders 20; white limestone 68. Water at 36 and 60.
Con III	" 17	A. Perry	W.V. Nugent	Jul. 22, 1964	6	7	35	28	"	D	Sand boulders 65; white limestone 140. Water at 135.
Con III	" 20	R.M. Metcalfe	G. A. Law	Oct. 21, 1961	5	10	5	5	"	D	Gravel 2; limestone 34. Water at 34.
Con III	" 23	J.R. Pauteux	Thompson Bros.	May 5, 1962	6½	5	45	2	"	D	Red sand 4; gravel 31. Water at 42.
Con III	" 23	Twp. School #3	W.V. Nugent	Feb. 13, 1963	6	12	50	20	"	D	Sandy loam 32; white limestone 90. Water from 48 to 85.
Con III	" 25	C.L. Cole	"	Sep. 2, 1960	6	1	94	34	"	D	Sandy loam 5; white limestone 5; black granite 94. Water at 81.
Con IV	" 10	F. Stead	"	Jan. 17, 1962	6	12	25	22	"	D,S	Sandy loam 5; granite 125. Water at 118.
Con V	" 14	R. Affleck	C. Goodberry Well Drilling Ltd.	Aug. 17, 1962	7	10	174	30	"	D	Sand 6; clay 102; blue limestone 193½. Water at 114 and 172.
Con V	" 15	J. Borrowman	"	Jun. 4, 1961	5	5½	100	5	"	D,S	Topsoil 2; sand boulders 31; red rock 90. Water at 85.
Con V	" 15	W.B. Cameron	"	Nov. 12, 1964	5	7	80	20	"	D	Topsoil 1; clay boulders 88; limestone 120. Water at 110 and 118.
Con VI	" 7	J.E. Rogers	W.V. Nugent	Jan. 22, 1962	6	8	29	17	"	D,S	Sandy loam 8; limestone shale 11; white limestone 42. Water at 42.
Con VI	" 15	A.J. Dale	"	Sep. 16, 1961	6	10	20	15	"	D	Clay loam 24; granite 40. Water at 37.
Con IX	" 2	F. Quinn	"	Jul. 3, 1961	6	½	52	47	"	D	Sandy loam 11; coarse gravel 11½; clay 40; hardpan boulders 56; coarse gravel 57. Water at 56.
Con IX	" 2	T. Ireton	"	Nov. 2, 1961	6	6	50	17	"	D	Sandy loam boulders 30; sandstone 82. Water 75.
Con IX	" 20	D. McKay	J.R. Thompson	Jul. 3, 1964	6	12	28	23	"	D,S	Sandy loam 10; white limestone 73. Water at 68.
Con X	" 21	A. M. Hogg	Kelown Water	Sep. 23, 1964	6½	20	30	26	"	D	Brown topsoil 6; white limestone 60. Water at 54.
Con X	" 22	N. Virgin	"	Nov. 16, 1964	6	2½	90	12	"	D,S	Clay loam 4; white limestone 70; black granite 100. Water from 65 to 100.
Con X	" 26	W.G. Yuill	Supply Ltd.	Nov. 15, 1962	6	5	84½	13	"	D,S	Sand 6½; clay boulders 52; white limestone 89½. Water at 82.
Con XI	" 3	A. Kelford	Drilling Ltd.	Jan. 20, 1961	6	11	28	19	"	D	Sand 2; limestone shale 20; white limestone 38. Water at 35.
Con XI	" 10	D. Neilson	W.V. Nugent	Dec. 10, 1962	6	20	40	10	"	S	Clay stones 10; black granite 100. Water at 85.
Con XI	" 13	L. Thompson	M. McLaughlin	Jul. 20, 1963	6	1	28	18	"	D,S	Gravel 15; limestone 45; sandstone 96. Water at 70.
Con XI	" 27	J.R. Fulton	C. Goodberry Well Drilling Ltd.	Mar. 23, 1960	6	1½	157	20	"	D	Sand gravel 9; grey granite 160. Water at 150.
Con XII	" 13	A. James	C. Dufresne	Sep. 26, 1964	2	10	21	21	"	D,S	Hardpan 3; limestone sandstone 130. Water at 130.
Con XII	" 15	N. McIntosh	C. Goodberry Well Drilling Ltd.	Apr. 16, 1962	2	10	35	23	"	D,S	Topsoil 1; live clay boulders 92; white limestone 135. Water at 87 and 130.
Con XII	" 15	C. Drummond	K. McLaughlin	Oct. 27, 1962	5	10	35	20	"	D,S	Clay boulders 16; grey granite 80. Water at 70.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964



LANARK COUNTY - cont.  
 Lanark Village - cont.  
 Lanark Vlg.  
 Lanark Vlg.  
 Lanark Vlg.

J.B. Greer	J.R. Thompson	Jul. 3, 1964	6	4	69	15	Fresh	D	Topsoil boulders 18; limestone 45; black granite 69. Water at 64.
J. Morrow	"	Jul. 20, 1964	6½	16	57	5	"	D	Clay gravel 60; grey granite 77. Water at 69.
H. LeLonde	Thompson Bros.	Nov. 23, 1964	6	5	35	12	"	D	Dug well 12; black granite 38; white limestone 42. Water at 38.
Lavant Twp.									
Con I	G.H. Law	Aug. 23, 1961	5	8	211	16	Fresh	D	Sandy loam 11; grey granite 211. Water at 198.
Con II	W.V. Nugent	Jun. 7, 1963	5	5	50	12	"	D	Sand gravel 65. Water at 60.
Con III	G.H. Law	Sep. 1, 1961	6	10	20	11	"	D	Gravel 41; limestone 80. Water at 74.
Con IV	J.D. Copeland	Dec. 21, 1961	6	16	15	10	"	D	Sand 2; grey granite 68. Water at 65.
Con V	W. Campbell	Nov. 22, 1961	6	11	120	25	"	D	Sandy soil 9; black granite 126. Water at 60 and 115.
Con VI	W.V. Nugent	Aug. 1, 1963	6	11	112	10	"	D	Sandy loam 12; black red granite 125. Water at 117.
Con VII	J. Paul	Sep. 24, 1962	6	12	51	18	"	D	Sandy loam 78; granite 85. Water at 81.
Con VIII	A. Gloss	Nov. 20, 1961	6	12	35	12	"	D	Sandy loam 5; granite 70. Water at 84.
Con VIII	C. Goodberry well	May 1, 1962	6	2	50	8	"	P	Sand gravel 6; grey granite 54. Water at 30 and 50.
Con VIII	Drilling Ltd.	May 1, 1962	6	10	15	10	"	D	Sand boulders 5; grey granite 29. Water at 27.
Lentz Twp.									
Con A	I. Simzer & Sons	Jul. 7, 1962	5	15	30	20	Fresh	D	Clay 19; limestone 89. Water at 89.
Con A	N. Lackie	Jun. 25, 1964	5	10	12	8	"	D	Blue clay 12; hard grey limestone 50. Water at 50.
Con A	M. Lelean Water Supply Ltd.	Oct. 19, 1964	5	20	30	6	"	D	Sand boulders 6; limestone 40. Water from 30 to 40.
Con A	C.V. Morrison	Aug. 22, 1963	4	5	10	8	"	D	Light soil 4; limestone 60. Water at 58.
Con A	H. Rathwell	Oct. 3, 1960	5	5	20	12	"	D	Sandy loam 3; grey limestone 30; white quartz 50; dark limestone 65. Water at 65.
Con A	"	Aug. 15, 1960	5	5	30	17	"	S	Grey limestone 50; white quartz 60; quartz limestone 80.
Con A	N. Lackie	Jun. 16, 1962	5	10	20	Flows	"	D	Black grey limestone 88. Water at 80.
Con B	H. Rathwell	Aug. 2, 1960	5	17	6	6	"	D	Grey limestone 46. Water at 46.
Con B	"	Jun. 6, 1960	5	3	14	6	"	D	Grey limestone 19; black limestone 28; grey limestone 29; black limestone 32. Water at 32.
Con B	"	Jan. 22, 1963	5	35	3	3	"	P	Clay boulders 22; dark limestone 36. Water at 36.
Con B	"	Apr. 22, 1961	5	10	12	2	"	D	Hard white limestone 40; sandstone black limestone 64. Water at 60.
Con B	N. Lackie	Sep. 25, 1964	5	10	12	2	"	D	Dug well 18; blue clay 42; grey limestone 116. Water at 116.
Con B	R.H. Miller	Aug. 16, 1961	5	8	18	6	"	D	Dug well 20; blue clay 40; grey limestone 114. Water at 114.
Con B	N. Lackie	Mar. 31, 1961	5	10	18	6	"	D	Sandy loam 1; grey shale limestone 77. Water at 77.
Con B	C.V. Morrison	Nov. 24, 1960	5	10	25	25	"	D	Dug well 2; grey sandstone 46. Water at 45.
Con B	Thompson Bros.	May 29, 1962	5	10	15	7	"	D	Dug well 20; grey limestone 94. Water at 90.
Con B	R.H. Miller	Aug. 12, 1963	5	10	15	17	"	D	Black topsoil 1; grey sandstone 53. Water at 40.
Con B	K. Edwards	Nov. 23, 1960	5	10	16	12	"	D	Hardpan boulders 40; soft grey limestone 52. Water at 52.
Con B	H.J. Davis	Nov. 18, 1963	5	10	16	12	"	D	Clay sand 30; grey limestone 105. Water at 103.
Con B	R.H. Miller	Nov. 18, 1963	5	10	16	12	"	D	Old well 19; soft grey limestone 52. Water at 52.
Con B	N. Lackie	Jul. 4, 1961	5	5	35	Flows	"	D	Blue clay 30; grey gravel 37; grey limestone 40. Water at 40.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA. INCH METER	PUMP-ING TEST LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LANKFORD COUNTY -cont.									
Montague Twp. -cont.									
Con II	A. W. Fisher	N. Lackie	Jul. 17, 1961	5	10	10	Fresh	D	Clay 21; sand stone rock 42. Water at 42.
Con II	C. Briston	"	Apr. 29, 1964	5	10	12	"	D	Blue clay 18; grey sandstone 43. Water at 40.
Con II	R.H. Miller	"	Jul. 13, 1960	2	20	5	"	D	Blue clay 13; soft grey limestone 70. Water at 70.
Con II	C. Vandusen	"	Jul. 14, 1960	2	15	10	"	D	Blue clay 12; soft limestone 50. Water at 50.
Con II	E. Cliff	N. Lackie	Aug. 3, 1961	5	10	12	"	D	Gravel clay 8; sandstone 34. Water at 34.
Con II	L. Learmont	"	Aug. 21, 1961	5	15	33	"	D	Clay 2; sandstone 45. Water at 33.
Con II	J. Brennan	"	Apr. 20, 1962	5	10	15	"	D	Clay 3; sandstone 36. Water at 36.
Con II	C. Paris	"	Apr. 25, 1962	5	10	15	"	D	Clay 3; sandstone 36. Water at 36.
Con II	W.J. Ward	"	May 7, 1962	5	12	2	"	D	Blue clay 1; gravel 18; sandstone 39. Water at 39.
Con II	M. McGrattan	"	Jun. 4, 1964	5	10	12	"	D	Blue clay 1; grey sandstone 41. Water at 41.
Con II	C.R. Gillespie	"	Oct. 9, 1964	5	10	12	"	D	Blue clay 1; grey sandstone 57. Water at 57.
Con II	F. Chobey	Thompson Bros.	Jul. 27, 1962	6	38	30	"	D	Brown sandstone 34. Water at 45.
Con III	W. Bufam	"	Aug. 7, 1962	6	8	30	"	D	Brown sandstone 30. Water at 45.
Con III	Hershey Chocolate Co. Ltd.	C.V. Morrison	Sept. 29, 1961	12	650	20	"	In	Sandy sandstone 37; grey sandstone 119; black granite 180; crystallized granite 195; black granite 201. Water at 19, 37, 47, 52 and 77. Water at 34.
Con IV	W. Wilson	N. Lackie	Jun. 14, 1960	5	15	10	"	D	Clay 20; limestone 34. Water at 34.
Con IV	L. Porter	"	May 20, 1960	5	10	18	"	D	Clay 3; limestone 25. Water at 25.
Con IV	J. Lench	C.V. Morrison	Jun. 24, 1964	5	8	16	"	D	Dark sand clay 2; clay hardpan gravel stone 17; sandstone 46. Water at 17 and 44.
Con IV	M. Buchanan	"	Dec. 15, 1961	4	5	22	"	D	Topsoil boulders 20; sandy limestone 65. Water from 55 to 65.
Con IV	R. Griffith	N. Lackie	Sep. 25, 1961	5	8	33	"	D	Clay 6; sandstone 45. Water at 45.
Con IV	A. Kirkham	"	Oct. 22, 1961	5	7	55	"	D	Red clay 3; grey sandstone 62. Water at 62.
Con IV	C.V. Morrison	"	Aug. 29, 1960	5	5	40	"	D	Topsoil 3; limestone sand 108. Water at 105.
Con IV	A. Leach	R.H. Miller	Jan. 22, 1962	2	6	68	"	D	Sandy loam 1; hard limestone 104. Water at 104.
Con IV	L. Cousins	"	Dec. 7, 1962	5	20	80	"	D	Topsoil 4; sandstone 29. Water at 28.
Con IV	R. McMillan	C.V. Morrison	Feb. 5, 1963	5	2	60	"	D	Brown loam 1; grey limestone 16; brown sandstone 80; white sandstone 115. Water at 80 and 108.
Con IV	J. Blinkhorn	A.E. Morrison	"	5	20	80	"	D	Sandy clay 4; limestone 30; sandstone 99. Water at 22 and 95.
Con IV	C.J. Closs	C.V. Morrison	Aug. 12, 1963	4	6	72	"	D	Old well 29; sandstone 81. Water at 79.
Con IV	R. McMillan	"	Oct. 22, 1963	4	7	60	"	D	Black clay 1; grey sandstone 61. Water at 60.
Con IV	H. Martin	N. Lackie	Apr. 25, 1964	5	10	44	"	D	Clay gravel hardpan 9; sandstone 83. Water at 73.
Con IV	S. Winshall	R.H. Casselman	Aug. 12, 1964	5	7	65	"	D	Topsoil 1; sandy limestone 70. Water at 65.
Con IV	W. Castle	C.V. Morrison	Oct. 25, 1960	5	3	20	"	D	Brown loam 2; yellow brown sandstone 53. Water at 53.
Con IV	G. McKim	"	Nov. 14, 1960	5	3	45	"	D	Previously drilled 64; sandstone 99. Water at 95.
Con IV	R. Giff	"	Mar. 2, 1961	4	6	54	"	C	Sandy loam 1; white sandstone 81. Water at 81.
Con IV	G. VanDusen	R.H. Miller	Apr. 2, 1961	5	6	54	"	D	Topsoil 2; sandstone 70. Water from 60 to 70.
Con IV	R. McMillan	C.V. Morrison	May 1, 1961	5	5	60	"	D	Light topsoil 2; sandstone 66. Water at 60.
Con IV	A. Draehlio	G. Morrison	Aug. 4, 1961	5	5	45	"	D	Topsoil stone 8; sandstone 63. Water from 50 to 63.
Con IV	R. Carr	C.V. Morrison	Sep. 11, 1962	5	5	30	"	D	Topsoil 2; sandstone 140. Water from 70 to 140.
Con IV	C.V. Morrison	"	Dec. 29, 1962	4	5	40	"	D	Topsoil 2; sandstone 70. Water from 24 to 68.
Con IV	D.J. McMillan	"	May 23, 1963	4	8	46	"	D	Clay 3; limestone 71. Water at 68.
Con IV	J. Derrachio	"	Jun. 28, 1963	4	5	25	"	D	Dark sand clay 4; sandstone 84. Water at 40 and 80.
Con IV	L. Walkins	"	Apr. 9, 1964	4	7	30	"	D	White sandstone 63. Water at 63.
Con IV	H. Harper	R.H. Miller	May 20, 1964	4	2	45	"	D	Sand 5; sandstone 48. Water at 48.
Con IV	H.S. Clark	McLean Water Supply Ltd.	Nov. 9, 1964	6	4	45	"	D	Sandstone 79. Water at 70.
Con IV	W. Pepper	R.H. Casselman	Aug. 25, 1964	5	13	60	"	D	Sandy loam 2; sandstone 90. Water from 45 to 70.
Con IV	I. Simpson	C.V. Morrison	Mar. 22, 1962	4	5	45	"	D	





# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LINCOLN COUNTY - cont.										
Montague Twp. - cont.										
Con IX lot 23	S. MacPherson	W.V. Nugent	Jun. 1, 1960	6	27	17	14	Fresh	D, S	Sandy loam 3; sandstone 38. Water at 35.
Con X " 20	W. Ervine	C.V. Morrison	May 11, 1964	4	8	20	20	"	D	Sandy limestone 53, Water at 50.
Con X " 21	F. Irvine	W.V. Nugent	May 26, 1960	6	10	25	19	"	D	Sandy loam 5; shale sandy sandstone 25; hard sandstone 50. Water at 46.
North Burgess Twp.										
Con III lot 15	U.E. Haughian	Thompson Bros.	Sept. 1, 1962	6	1	65	23	Fresh	D	Brown topsoil 8; red black granite 65. Water at 49.
Con III " 17	C. Drew	"	Sept. 12, 1962	6 1/2	1	65	23	"	D	Brown topsoil 4; loose rock 9; red black granite 65. Water at 55.
Con III " 25	G. Tracy	P.J. McCarthy	Oct. 11, 1962	6	15	20	15	"	D	Red sand 3; hard grey limestone 23; yellow sandstone 30. Water at 24.
Con V " 3	J.L. Orme	Thompson Bros.	Jul. 20, 1963	6 3/4	2 1/2	36	9	"	D	Brown topsoil 12; grey granite 36. Water at 30.
Con V " 4	H. Taggart	"	Dec. 20, 1963	6	10	25	8	"	D	Brown topsoil 5; grey granite 42. Water at 38.
Con V " 5	C. Dalange	"	Feb. 12, 1962	6	1	45	20	"	D	Sandy loam 10; red granite 47. Water at 42.
Con V " 17	W. Quinn	"	Oct. 14, 1964	6	5	55	30	"	D	Sandy loam 6; white limestone 52; brown limestone 62. Water at 52.
Con V " 18	M. Billinske	C. Goodberry Well Drilling Ltd.	Jul. 20, 1962	6	10	47	37	"	D	Sand 3; clay 16 1/2; white rock 65. Water at 53 and 58.
Con V " 18	B. Pierman	Eastern Ont.	Jul. 16, 1962	6	2	36 1/2	28 1/2	"	D	Gravel clay 8; white rock 60. Water at 39 and 55.
Con VI " 17	J. Newman	Diamond Drilling Co.	Nov. 12, 1960	2	3	25	13	"	D	White limestone 41. Water at 36.
Con VI " 17	J. McClade	F.J. McCarthy	Nov. 14, 1960	2	4	25	9	"	D	White limestone 39. Water at 36.
Con VI " 20	V.M. Hamburg	"	Jun. 14, 1962	6	23	23	4 1/2	"	D	Black granite 23. Water at 20.
Con VI " 21	T. Poultes	"	Jul. 1, 1962	6	2	31 1/2	31	"	D	Sand 8; red granite 31 1/2. Water at 25.
Con VII " 3	J. Cordick	Thompson Bros.	Sep. 6, 1963	6	5	45	9	"	D	White limestone 53; black granite 64. Water at 53.
Con VII " 12	J.R. Thompson	P.J. McCarthy	Aug. 14, 1961	6	16	37	12	"	D, S	Sand loam 3; sandstone 30; red granite 40. Water at 37.
Con VII " 14	J.P. Henderson	"	Nov. 4, 1961	6 1/2	15	32	16	"	D	Red sand 10; loose rock 18; grey granite 57. Water at 48.
Con VII " 20	M. Haggins	F.J. McCarthy	Jul. 13, 1961	7	3	44	44	"	D	Red granite 5; grey granite 20. Water at 15.
Con VII " 20	M. Haggins	B.H. Miller	Dec. 9, 1962	2	4	23	19	"	D	Grey granite 90. Water at 20.
Con VII " A	O. Schall	Thompson Bros.	Oct. 9, 1964	6	4	30	12	"	D	Red sand 3; grey granite 20; black granite 40. Water from 30 to 35.
Con VII " 10	L. Farrell	"	Jul. 25, 1961	6	2	57	8	"	D, S	Blue clay 14; grey granite 57. Water at 55.
Con VII " 15	P. Kerr	P.J. McCarthy	Sep. 13, 1961	6	1	165	15	"	D	Blue clay 31; white granite 165. Water at 160.
Con VII " 15	D. Phillips	J.R. Thompson	Jun. 13, 1964	6 1/2	4	40	15	"	D	Brown topsoil 7; sandstone 40. Water at 36.
Con VII " 16	E. Eyre	F.J. McCarthy	Jul. 8, 1961	7	1	72	7	"	D, S	Red sand 3; shale 12; grey granite 70; red granite 72. Water at 50.
Con VII " 16	P. White	"	Jul. 18, 1961	6	5	7	7	"	D	Blasted hole 16; limestone 47. Water at 45.
Con VII " 16	R. MacDonald	Thompson Bros.	Sep. 28, 1961	6	10	23	12	"	D	Topsoil boulders 6; brown sandstone 33. Water at 25.
Con VII " 23	H. Cuthbertson	"	Oct. 21, 1960	6 1/2	2	33	12	"	D	Red sand 3; blue limestone 45. Water at 40.
Con VII " 25	C. Moodie	"	May 9, 1963	6	5	48	18	"	D	Red sand 3; black granite 46. Water from 28 to 42.
Con IX " 13	W. Wirths	"	Oct. 26, 1964	6	3	38	18	"	D	Sandy loam 4; red granite 38. Water at 35.
Con IX " 14	J.B. Farrell	C. Dufresne	Mar. 9, 1962	2	6	22	7	"	D	Sand 15; sandstone limestone 85. Water at 80.
Con IX " 15	C. Kerr	Thompson Bros.	Nov. 21, 1962	2	4	45	10	"	D	Brown topsoil 14; black granite 45. Water at 40.
Con IX " 1	J.F. Culligan	"	Aug. 9, 1961	6	1	55	10	"	D	Brown topsoil 11; white limestone 21; blue granite 55. Water from 35 to 50.
Con X " 5	G. Spring	"	Nov. 27, 1964	6	5	60	12	"	D	Clay loam 12; brown sandstone 22; grey granite 62; white limestone 70. Water at 65.
Con X " 6	D. Allen	"	Oct. 31, 1964	6 1/2	8	35	18	"	D	Clay loam 11; brown sandstone 51; white limestone 65. Water at 51.
Con X " 9	N. Dadds	"	Mar. 14, 1961	7	2	47	14	"	S	Brown topsoil 20; hardpan 30; red granite 57. Water at 51.

IAN'EK COUNTY - cont.  
North Burgess Twp. cont.  
Con X

D. Brady	W.V. Nugent	Nov. 20, 1964	6	19	21	16	Fresh	D, S	
North Elmsley Twp. Con V	Hillcrest Memorial Chapel	May 9, 1961	4	5	40	10	Fresh	D	Topsoil 2; clay 18; sandstone 80. Water at 40 and 60.
Con V	G.R. Sloan	Oct. 10, 1961	7	15	32	15	"	D	Sandy topsoil 5; clay 15; white sandstone 50. Water at 42.
Con V	N. Spinelli	Jun. 22, 1962	6	25	40	16	"	P	Topsoil 18; limestone 90; sandstone 120. Water at 40, 90 and 118.
Con V	V. Goodbody	Oct. 28, 1963	5	10	15	10	"	D	Sand 9; sandstone 75. Water at 73.
Con V	B. Bireley	May 17, 1962	4	7	28	18	"	D	Brown topsoil 2; brown sandstone 38. Water at 30.
Con V	C.V. Morrison	Oct. 7, 1963	7	7	50	8	"	D	Topsoil 10; grey limestone 12; sandy limestone 25; sandstone 132. Water from 70 to 132.
Con V	"	Aug. 8, 1964	4	3	20	15	"	D	Light clay loam 11; limestone 132. Water at 130.
Con V	Thompson Bros.	Aug. 12, 1963	5	10	8	2	"	D	Red sand 3; grey granite 53. Water at 28.
Con V	N. Jackie	May 9, 1963	5	10	8	2	"	D	Blue sand 1; grey limestone 38. Water at 38.
Con V	E. St. Jean	Apr. 6, 1960	4	15	14	14	"	D	Topsoil 4; sandy limestone 38. Water from 30 to 38.
Con V	F.J. McCarthy	Oct. 22, 1963	6	15	18	10	"	D	Sand loam 2; sandstone 51. Water at 28.
Con V	Thompson Bros.	Aug. 25, 1963	6	12	25	4	"	D	Light clay loam 5; grey granite 28; red granite 52. Water at 42.
Con V	F.J. McCarthy	Oct. 21, 1963	6	5	15	11	"	D	Clay 3; sandstone 33; red granite 35. Water at 33.
Con V	"	Jul. 7, 1964	6	15	18	12	"	D	Sand loam 6; sandstone 32. Water at 30.
Con V	"	Dec. 12, 1962	7	5	25	15	"	D	Red granite 38. Water at 36.
Con VI	C.V. Morrison	Jun. 7, 1961	7	5	20	20	"	D	Topsoil 2; grey limestone 20; grey sandstone 37. Water at 34.
Con VI	R.H. Miller	Aug. 6, 1962	2	8	20	18	"	In	Sandy loam 3; grey limestone 129. Water at 129.
Con VI	"	Sep. 17, 1963	5	10	20	10	"	C	Clay loam 1; sandstone 42. Water at 40.
Con VI	M. McLaughlin	Jun. 25, 1964	4	8	20	20	"	C	Clay stones 15; limestone 51. Water from 40 to 50.
Con VI	C.V. Morrison	May 30, 1963	6	5	20	17	"	D	Clay loam 4; black granite 33. Water at 30.
Con VI	G.V. Morrison	Jul. 11, 1964	4	8	12	12	"	D	Topsoil 2; limestone 47. Water at 40.
Con VI	G. Whitmore	Jul. 11, 1964	4	8	12	12	"	D	Black topsoil 1; white sandstone 36. Water at 28.
Con VI	D. McMullen	May 10, 1962	6	3	36	8	"	D, S	Sand loam 4; shale 5; sandstone 25; limestone 32. Water at 30.
Con VI	G. Coules	Oct. 18, 1963	6	10	10	8	"	F	Topsoil 2; broken granite 20; grey granite 35; pink rock 50; grey granite 123. Water from 110 to 123.
Con VI	F.J. McCarthy	Dec. 6, 1960	4	7	28	23	"	D	Brown topsoil 1; white sandstone 39. Water at 32.
Con VII	School	Oct. 18, 1961	7	16	22	11	"	D	Sandstone 41. Water at 41.
Con VII	A. Koehler	Jan. 3, 1964	6	5	67	18	"	D	Clay loam 4; loose layers rock 20; grey sandstone 67. Water at 45 and 62.
Con VII	J. Cassel	Aug. 8, 1964	6	3	67	18	"	D	Dark sandy topsoil 1; hard brown sandstone 92. Water at 90.
Con VII	M. Collyer	Dec. 19, 1963	6	3	38	22	"	C	Brown topsoil 3; grey sandstone 45. Water at 38.
Con VII	"	Feb. 19, 1964	6	3	35	10	"	D	Sandy loam 3; shale 8; sandstone 44. Water at 31.
Con VII	W.V. Nugent	Dec. 1, 1960	6	3	10	7	"	D	Clay 2; limestone 22; grey granite 27. Water at 22.
Con VII	F.J. McCarthy	May 17, 1963	6	40	20	7	"	D	Topsoil 1; sand rock 25; granite 44. Water at 30, 35 and 40.
Con VII	C. Goodberry Well Drilling Ltd.	May 9, 1961	6	19	20	10	"	D	Sandy loam 3. Water at 30.
Con VII	W.V. Nugent	Jul. 15, 1961	6	20	23	23	"	D	Grey sandstone 66. Water at 60.
Con VII	"	Apr. 4, 1962	6	10	24	18	"	D	Sandy loam 2; sandstone 42. Water at 38.
Con VII	"	Feb. 28, 1963	6	15	28	10	"	D	Brown topsoil 4; brown sandstone 42. Water at 34.
Con VII	Thompson Bros.	Jul. 10, 1963	6	10	30	21	"	D	Clay 3; limestone 40; sandstone 62; grey granite 72. Water at 62.
Con VII	N. McLaughlin	Feb. 13, 1962	6	1	52	10	"	D	Red loam 4; brown sandstone 52. Water at 48.
Con VI	Thompson Bros.	Jul. 3, 1963	6	5	50	10	"	D	Previously drilled 52; red iron ore 75; black granite 83. Water at 75.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LANARK COUNTY - cont. N. Elmsley Twp.-cont. Con VII	Twp. School Area	J.R. Thompson	May 28, 1964	6 1/2	15	34	24	Fresh	P	Brown topsoil 2; white sandstone 75. Water at 65.
Con VII	W.C. Williams	F.J. McCarthy	Jun. 30, 1961	6	4	25	22	"	D	Shaly limestone 12; grey limestone 50. Water at 45.
Con VII	A. Bennett	Thompson Bros.	Jun. 29, 1962	6 1/2	12	46	20	"	D	Brown topsoil 2; white sandstone 46. Water at 40.
Con VII	A. Graham	F.J. McCarthy	Nov. 8, 1961	6	10	70	20	"	D	Sandy loam 3; red sandstone 45; grey granite 52. Water at 48.
Con VII	M. Gould	Thompson Bros.	Aug. 18, 1964	6 1/2	5	60	12	"	D	Sandy loam 3; red sandstone 15; black granite 45; white limestone 75. Water at 75.
Con VII	V.M. Haley	W.V. Nugent	Apr. 22, 1964	6	14	15	9	"	D	Sandy loam 3; white sandstone 48. Water at 44.
Con VII	P. Fourmier	"	Jun. 2, 1961	6	20	15	15	"	D	Sandy loam 3; white sandstone 45. Water at 42.
Con VII	C. Dixon	"	Aug. 1, 1962	6	11	31	20	"	D, S	Sandy loam 3; shaly sandstone 40. Water at 37.
Con VII	J. Moore	"	Jul. 23, 1962	6	14	15	9	"	D, S	Sandy loam 1; shale 13; sandstone 36. Water at 32.
Con VII	L. Lewis	"	Jul. 16, 1962	6	14	15	8	"	D	Sandy loam 1; shale 13; sandstone 36. Water at 32.
Con VII	E. Patterson	"	Jul. 13, 1961	6	20	19	15	"	D	Sandy loam 1; shale 13; sandstone 36. Water at 32.
Con VII	E. Kerr	Thompson Bros.	Jun. 26, 1961	6	10	17	17	"	D	Brown topsoil 5; red clay 12; grey granite 32. Water at 28.
Con VII	C. Durresne	"	Jun. 5, 1962	6	10	20	12	"	D	Clay boulders 5; red clay 12; grey granite 32. Water at 28.
Con VII	R.H. E. Allin	"	Jun. 5, 1962	6	10	20	12	"	D	Loose rock 72; grey granite 35; brown sandstone 62; white limestone 72. Water from 48 to 65.
Con VII	C. Cavers	Thompson Bros.	Sep. 18, 1964	6	2	60	20	"	D	Loose rock 72; grey granite 35; brown sandstone 62; white limestone 72. Water from 48 to 65.
Con VII	H.G. Lightford	"	Jul. 7, 1961	6	2	62	15	"	D	Stony topsoil 2; grey granite 62. Water from 45 to 55.
Con VII	R. Eves	J.R. Thompson	May 5, 1964	6 1/2	7	34	24	"	D	Black topsoil 2; white sandstone 50. Water at 35.
Con IX	R.D. McEwen	Thompson Bros.	Dec. 1, 1961	6 1/2	2 1/2	34	24	"	D	Blue clay 20; brown sandstone 59. Water at 34.
Con IX	W. Myers	"	Mar. 14, 1962	6 1/2	8	25	4	"	D	Sandy topsoil 6; brown sandstone 40. Water at 35.
Con IX	"	"	Oct. 31, 1962	6	10	22	10	"	S	Brown topsoil 2; brown sandstone 35. Water at 20.
Con IX	H. Thompson	"	Jun. 10, 1961	6	1	60	10	"	S	Black granite mica deposit 55; grey granite 52; black granite 72. Water at 61.
Con IX	O. Shell	"	Jun. 22, 1961	6	1 1/2	80	12	"	D	Red sand boulders 15; shale 20; brown sandstone 35; black granite 41; brown sandstone 92. Water at 65.
Con IX	H. Groskery	"	Jun. 30, 1961	6	1 1/2	60	12	"	D	Topsoil shale 10; hard shale 30; red granite 64. Water at 50.
Con IX	A. Sargent	"	Jul. 8, 1961	6	1	90	15	"	D	Red sand 8; white sandstone 64; brown limestone 92; black granite 99. Water at 65 and 90.
Con IX	W.T. Greig	"	Jul. 22, 1961	6	1 1/2	95	33	"	D	Sandy shale 5; black granite 28; brown sandstone 50; black granite 97. Water from 50 to 90.
Con IX	S. Ferrier	"	Dec. 29, 1962	6	1 1/2	97	18	"	D	Red sand 10; grey granite 30; soapstone 97. Water from 65 to 90.
Con IX	O. Shell	"	Jan 25, 1962	6 1/2	5	38	16	"	D	Dark sandy topsoil 6; shale 14; blue granite 49. Water at 42.
Con IX	M. Burpee	"	Jul. 12, 1963	6	3	82	8	"	S	Previously drilled 69; black granite 82. Water at 80.
Con X	N. Elmsley School Board	"	Aug. 17, 1962	6 1/2	1	64	24	"	P	Red sand 19; white sandstone 64. Water at 55.
Con X	Dept. National Defence	International Water Supply Ltd.	Feb. 23, 1960	8	3	45	34	"	P	Sandy clay 2; limestone 10; sandstone 118; sandstone limestone 69; grey limestone sandstone 118; sandstone limestone 142; white sandstone 224; black rock 232. Water from 18 to 32, 139 to 140 and at 202.
Con X	B. MacFawish	Thompson Bros.	Aug. 30, 1962	6	5	50	24	"	D, S	Clay loam 3; hard brown sandstone 61; white sandstone 70. Water at 61.
Con X	F. Malloy	W.V. Nugent	Nov. 10, 1960	6	5	40	29	"	D, S	Sandy loam 4; hard sandstone 64. Water at 58.
Con X	H. Stone	"	Sep. 28, 1960	6	10	18	7	"	D	Sandy loam 2; shale sandstone 18; sandstone 24. Water at 23.
Con X	J. Hermann	Thompson Bros.	Jul. 15, 1961	7	10	22	8	"	D	Brown topsoil 2; brown sandstone 42. Water at 35.
Con X	N. Madrygar	"	Sep. 6, 1962	6	5	20	12	"	D	Clay loam 2; hard brown sandstone 39. Water at 35.
Con X	J. Patterson	"	Oct. 24, 1963	6	5	28	10	"	D	Clay loam 8; red granite 34; grey granite 42. Water at 34.



## LANARK COUNTY - cont.

LANARK COUNTY - cont.											
North Elmsley Twp. cont.											
J. Herrmann Con X	lot 26	A. Fubon	J.R. Thompson Thompson Bros.	Jun. 23, 1964 Sep. 7, 1964	6 $\frac{1}{2}$ 6	6 5	70 48	10 10	Fresh "	In D	Brown sandstone 30; black granite 70. Water at 58. Clay loam 3; grey granite 15; black granite 48; red granite 60. Water at 52.
E. Tysick Con X	" 27	P. Brady	"	Oct. 3, 1963 Aug. 20, 1964	6 $\frac{1}{2}$ 6	3 20	50 17	12 17	" "	D D, S	Brown topsoil 3; black granite 50. Water at 42. Dug well 20; sandstone 38. Water at 35.
North Sherbrooke Twp.											
M.E. Duncan Con I	lot 10	K. Brownlee	W.V. Nugent	Jan. 23, 1962	6	5	65	41	Fresh	D, S	Sand gravel 22; clay loam 30; granite 91. Water at 79.
K. Brownlee Con II	" 11	H. Thompson	W.H. Davy & Son	Dec. 1, 1960	6	10	73	30	"	S	Gravel 10; red granite 73. Water at 68.
H. Morrow Con II	" 13	E. Thompson	"	Jan. 13, 1962	6	2	88	33	"	D	Loam 8; black granite 88. Water at 76.
J. McDougall Con II	" 13	H. Morrow	"	Oct. 13, 1964	6	2	108	27	"	D	Shale 12; black granite 108. Water at 73.
E. Wheeler Con II	" 20	J. McDougall	"	Dec. 22, 1960	6	8	90	18	"	S	Sand 3; red granite 90. Water at 68.
A. Long Con III	" 8	E. Wheeler	C. Goodberry well Drilling Ltd.	Oct. 11, 1960	6	8	29	18	"	D	Sand 13; grey granite 45. Water at 42.
L. Craig Con III	" 10	A. Long	W.H. Davy & Son	Jan. 25, 1962	6	2	106	23	"	S	Sandy loam 9; red granite 106. Water at 102.
L. Brownlee Con III	" 10	L. Craig	"	Oct. 23, 1964	6	1	54	13	"	D	Loam 15; black granite 54. Water at 48.
R. Fardon Con III	" 11	L. Brownlee	"	Oct. 31, 1964	6	2 $\frac{1}{2}$	101	29	"	D	Loam 3; black granite 101. Water at 98.
A. Sova Con III	" 16	R. Fardon	"	Jan. 5, 1961	6	5	74	12	"	S	Loam 3; black loam red granite 74. Water at 56.
T. Miller Con IV	" 11	A. Sova	W.V. Nugent	Dec. 12, 1962	6	3	41	13	"	D, S	Sandy loam 3; limestone 46. Water at 41.
G. Patterson Con V	" 1	T. Miller	W.H. Davy & Son	Apr. 14, 1964	6	3	55	18	"	S	Shale 11; red black granite 55. Water at 47.
E. Morrow Con V	" 2	G. Patterson	"	Mar. 24, 1961	6	10	81	31	"	S	Shale 10; white limestone 81. Water at 49.
Pakenham Twp.											
R. Comba Con II	lot 21	H. Pohl	A. Stanton	Feb. 12, 1963	6	13	45	8	Fresh	D, S	Loam 5; grey limestone 79. Water at 63 and 79.
W. Murphy Con IV	" 19	W. Murphy	F.R. Cossette	Apr. 7, 1964	2	2	20	3	"	D	Topsoil 1; grey red granite 68. Water 6 to 8.
R. Lowe Con V	" 5	R. Lowe	G. Law	Dec. 1, 1960	5	7	8	18	"	D, S	Sand 1; grey granite 32. Water at 50.
H. Boal Con VI	" 6	H. Boal	A. Stanton	Sep. 25, 1962	6	15	55	14	"	D, S	Limestone 57. Water at 55.
C. Ross Con VI	" 4	C. Ross	"	Mar. 27, 1962	6	20	21	13	"	S	White limestone 77. Water at 47 and 75.
H. Thompson Con VII	" 8	H. Thompson	"	Jul. 18, 1963	6	15	25	20	"	D, S	Loam stones 5; white limestone 60. Water at 58.
T. Bowes Con VIII	" 1	T. Bowes	M. McLaughlin	Sep. 8, 1962	6	10	50	18	"	D	Clay loam 27; limestone 45; sandstone 65; limestone 100. Water at 85.
M. Cavanagh Con VIII	" 1	M. Cavanagh	"	Jan. 6, 1961	6	10	20	10	"	D, S	Water at 85. Sandy loam 12; sandstone 40; sandstone sand layers 42.
W. Lindsay Con VIII	" 2	W. Lindsay	"	Aug. 10, 1964	6	7	50	7	"	D, S	Water at 35. Clay 25; sandstone 50; grey granite 70. Water at 65.
A.J. McWatty Con IX	" 11	A.J. McWatty	A. Stanton	Oct. 7, 1964	6	5	60	7	"	D, S	Clay boulders 14; red granite 70. Water at 55.
E. Ritchie Con IX	" 11	E. Ritchie	"	Oct. 21, 1961	6	10	80	72	"	D	Sand loam 4; grey granite 75. Water at 75.
C. Ross Con IX	" 11	C. Ross	"	Jan. 13, 1964	6	10	8	8	"	D	Blue clay 30; grey limestone 142. Water at 140.
H. Authers Con IX	" 20	H. Authers	"	Feb. 15, 1964	6	10	50	6	"	D	Blue clay 8; grey limestone 84. Water at 63 and 84.
E. Legree Con IX	" 21	E. Legree	K. Presley	Jan. 10, 1961	6	10	20	4	"	- S	Blue clay 98; fine gravel 100; grey hard limestone 125. Water at 110 and 120.
S. Currie Con X	" 3	S. Currie	A. Stanton	Mar. 15, 1960	5	3 $\frac{1}{2}$	20	Flows	"	D, S	Gravel boulders 30. Water at 30.
A.E. Blair Con X	" 6	A.E. Blair	"	Mar. 8, 1960	5	20	3	72	"	D	Clay 95; sand 98; grey limestone 161. Water at 113 and 159.
W. Hogarth Con X	" 10	W. Hogarth	"	Nov. 1, 1961	6	10	72	72	"	S	Blue clay 11; grey limestone 220; red limestone 225; grey limestone 230. Water at 228.
H. Downey Con X	" 12	H. Downey	"	Jan. 25, 1964	6	10	20	10	"	D, S	Blue clay 80; fine sand 90; red granite 107. Water at 107. Blue clay 97; fine sand 104. Water at 133 and 142.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
LANARK COUNTY - cont.										
Fakenham Twp. - cont.										
Con IX lot 21	E. Legtis	J.B. Burtresne	Apr. 21, 1961	2	3	65	8	Fresh	D	Sand builders gravel 28; red granite 116. Water at 110.
Con X "	S. Needham	A. Stanton	Aug. 19, 1961	6	30	22	11	"	D,S	Blue clay 35; grey limestone 92. Water at 81 and 90.
Con XI "	J. Spiller	"	May 29, 1960	6	12	80	8	"	S	Blue clay 140; sand 150; grey limestone 195. Water at 173 and 190.
Con XI "	A. Stewart	"	Nov. 26, 1960	6	10	98	56	Sulphur	S	Loam 5; blue clay 118; grey limestone 220; red grey granite 228. Water at 197 and 226.
Con XI "	X. Metcalfe	"	May 16, 1962	6	10	90	15	"	D	Blue clay 50; grey limestone 135. Water at 128 and 135.
Con XI "	I. Russo	"	Jan. 23, 1960	5	10	20	Flows	Fresh	D	Grey limestone 65; white sandstone 72. Water at 45 and 70.
Con XI "	W. Buttle	"	Feb. 27, 1960	5	17	90	1	"	D	Grey limestone 108. Water at 65, 89 and 104.
Con XI "	F. Amney	"	Mar. 17, 1960	5	10	20	1	"	D	Grey limestone 72. Water at 51 and 69.
Con XI "	W. Ross	D.O. MacHardy	Jun. 1, 1960	5	10	38	28	"	D	Brown clay 18; blue clay 35; fine grey stone 96. Water at 95.
Con XI "	Bell Telephone Co. of Canada	M. McLaughlin	Feb. 10, 1961	6	20	6	3	"	C	Sand loam 5; sandstone 74. Water at 60.
Con XI "	United Church	A. Stanton	Oct. 4, 1962	5	15	26	8	"	P	Clay 6; grey limestone 78. Water at 47 and 76.
Con XI "	C. Brown	"	Sep. 15, 1964	5	10	30	10	"	D	Blue clay 71; grey limestone 72. Water at 63 and 70.
Con XI "	L. Bradley	"	Dec. 18, 1964	5	13	12	12	"	D	Blue clay 6; grey limestone 79. Water at 67 and 78.
Con XI "	F.E. Johnston	F.E. Johnston	Jul. 20, 1960	5	6	50	29	"	D	Blue clay 28; medium hard grey limestone 60; reddish limestone 83. Water at 34 and 76.
Con XI "	A. Wilson	D.O. MacHardy	Nov. 29, 1960	5	10	45	20	"	D	Brown clay 15; blue clay 32; hard grey limestone 72; soft red rock 135. Water at 135.
Con XI "	Can. Pacific Railway Co.	A. Stanton	Feb. 20, 1961	6	15	20	5	"	P	Blue clay 17; hard grey limestone 86. Water at 52 and 86.
Con XI "	W. Ross	D.O. MacHardy	Jun. 28, 1961	5	10	35	30	"	D	Brown clay 14; blue clay 30; grey limestone 94. Water at 70 and 94.
Con XI "	T. Reilly	A. Stanton	Jul. 4, 1961	6	20	25	5	"	D	Topsoil 8; grey limestone 88. Water at 57 and 85.
Con XI "	E. Grainger	"	Oct. 2, 1961	5	10	20	7	"	D	Clay 2; hard grey limestone 80. Water at 57 and 78.
Con XI "	Post Office	"	May 14, 1962	5	15	28	27	"	D	Loam 3; grey limestone 67. Water at 48 and 65.
Con XI "	G. Campbell	"	Feb. 3, 1963	6	10	50	2	"	D	Blue clay 25; grey limestone 109. Water at 87 and 109.
Con XI "	A. Wilson	"	May 3, 1963	6	10	30	15	"	D	Blue clay 70; grey limestone 125. Water at 124.
Con XI "	G. Boal	"	May 8, 1963	6	7	36	26	"	D	Blue clay 30; grey limestone 100. Water at 99.
Con XI "	A.J. DeJager	"	Jul. 28, 1963	6	10	80	25	"	D,S	Blue clay 110; grey limestone 169. Water at 169.
Con XI "	A. Barr	"	Apr. 10, 1962	6	10	60	15	"	D,S	Grey granite 147. Water at 145.
Con XI "	A. Scott	"	Nov. 14, 1960	6	10	80	11	Salty	S	Blue clay 138; sand 140; grey limestone 275. Water at 234, 260, and 271.
Con XI "	A. Ryan	"	Nov. 5, 1960	6	12	70	10	"	D,S	Blue clay 91; grey limestone 137. Water at 135.
Con XI "	K. Evans	D.O. MacHardy	Dec. 13, 1960	4	5	80	21	Sulphur	S	Loam 2; grey limestone 120. Water at 100.
Con XI "	M. Dodge	A. Stanton	Jan. 13, 1960	5	9	100	13	"	D	Clay 7; grey limestone 165. Water at 93, 147 and 160.
Con XI "	D. Duncan	M. McLaughlin	Dec. 17, 1960	6	10	70	20	Fresh	D,S	Grey limestone 106. Water at 90.
Con XII "	I. Burgess	A. Stanton	Nov. 14, 1961	6	20	25	14	"	D	Blue clay 128; grey limestone 240. Water at 195 and 240.
Con XII "	G. Ryan	"	Sep. 20, 1960	5	10	80	10	"	D	Shale 4; grey limestone 108. Water at 73 and 105.
Con XII "	W. Ryan	"	Oct. 8, 1960	6	7 1/2	60	15	"	D	Grey limestone 215. Water at 134, 170 and 210.
Perth Town										
Perth Town	E. Kirkham	M. McLaughlin	Oct. 15, 1960	6 1/2	10	35	15	Fresh	D	Clay loam 6; sandstone 46. Water at 40.
Perth Town	L. Evans	H.L. Lavis	May 15, 1964	5	10	12	8	"	D	Sand clay 10; red sandstone 60. Water at 58.
Perth Town	J. Bevuart	W.V. Nugent	Jun. 25, 1964	6	9	31	28	"	D	Clay loam 25; red granite 85. Water at 77.

LANSKY COUNTY - cont.  
Hamsay Twp.

Con	lot	I. Sweeney	J.B. Dufresne Co. Ltd.	Nov. 28, 1963	6	5	65	20	Fresh	D, S	
Con I	"	G. Currie	M. McLaughlin	Feb. 15, 1962	6	20	30	17	"	D, S	Gravel 10; red granite 65. Water at 63.
Con I	"	A. McIntosh	"	Jun. 20, 1962	6	10	90	20	"	D, S	Sand loam 4; sandstone 48; limestone 100. Water at 80. Clay 6; broken sandstone layers 15; grey granite 130. Water at 120.
Con I	"	A. Rintoul	C. Goodberry Well Drilling Ltd.	Aug. 28, 1964	6	30	30	18	"	D	Topsoil 1; sandy boulders 12; white limestone 57. Water at 45 and 55.
Con I	"	E. Hudson	M. McLaughlin	Aug. 11, 1962	6	10	90	15	"	D, S	Clay 8; limestone 175. Water at 145.
Con I	"	G. Hudson	"	May 30, 1964	6	15	40	35	"	D, S	Sand loam 11; limestone 40; sandstone sand layers 80. Water at 65.
Con I	"	H. Ladouceur	C. Goodberry Well Drilling Ltd.	Sep. 4, 1962	6	2	98	18	"	D	Sand boulders 11; red granite 95; black granite 99. Water at 25 and 95.
Con I	"	R.B. Cameron	"	Feb. 10, 1962	6 1/2	10	20	13	"	D, S	Topsoil 1; overburden 12; granite 38.
Con I	"	C. Ladouceur	McLean Water Supply Ltd.	Nov. 23, 1964	6 1/2	25	45	15	"	D	Loam 4; red granite 48. Water at 48.
Con II	"	E. Finlayson	M. McLaughlin	Nov. 18, 1960	6	10	40	15	"	D, S	Sand loam 11; grey limestone 64. Water at 55.
Con II	"	K. McMunn	"	Jan. 4, 1961	6	5	110	25	"	D, S	Grey limestone 135. Water at 120.
Con II	"	K. Robertson	C. Dufresne	May 24, 1963	2	4	22	20	"	D	Brown clay 7; limestone 30; quartz 89. Water from 60 to 58.
Con II	"	D. Caldwell	K. McLaughlin	Nov. 21, 1960	6	10	60	26	"	D, S	Sand loam 2; grey limestone 100. Water at 90.
Con II	"	R. Timmons	C. Goodberry Well Drilling Ltd.	Apr. 4, 1960	6	8	52	4 1/2	"	D	Boulders clay 17; granite 70. Water at 40 and 65.
Con II	"	A.C. Virgin	M. McLaughlin	Dec. 6, 1960	5	10	50	20	"	D	Black granite 72. Water at 65.
Con II	"	H. Yuill	McLean Water Supply Ltd.	Nov. 16, 1964	6	4	70	35	"	D	Boulders sand 3; black granite 90. Water at 90.
Con IV	"	D. Lashley	W.C. Doleman	Oct. 16, 1964	4	6	35	12	"	D	Grey sandstone 5; yellow sandstone 8; grey sandstone 32; water from 94; grey sandstone 38; soft grey sandstone 49. Water at 49.
Con IV	"	B. Montgomery	"	Sep. 19, 1964	4	5	30	30	"	D	Previously drilled 50; brown sandstone 51; yellow sandstone 52; grey sandstone 59. Water at 59.
Con IV	"	J. Tystok	Moloughney	May 16, 1960	4	6	25	10	"	D	Cliff 7; hard grey limestone 50. Water at 40 and 50.
Con IV	"	C. Beach	D.S. Hueston	Nov. 24, 1961	4	10	20	18	"	D	Loam 3; white limestone 5; red granite 51. Water at 30 and 48.
Con IV	"	E. Wall	C.V. Morrison	Oct. 31, 1961	4	7	18	12	"	D	Dark sandy soil stones 13; sandy limestone 78. Water at 13, 28 and 75.
Con IV	"	W. Lynch	M. McLaughlin	Nov. 15, 1960	6	10	60	18	"	D, S	Clay loam 1; grey limestone 92. Water at 85.
Con IV	"	"	"	Nov. 8, 1960	6	5	60	18	"	D, S	Sandy loam 1; limestone 80; limestone sand layers 92. Water at 80.
Con IV	"	J.A. Watt	"	Jun. 28, 1963	7	20	29	23	"	D	Clay loam 6; broken sandstone 11; sandstone 55; limestone 70. Water at 60.
Con IV	"	I.B. McRae	McLean Water Supply Ltd.	Sep. 1, 1964	6	8	75	40	"	D	Loam 1; white limestone 108. Water from 100 to 108.
Con V	"	W. Koster	M. McLaughlin	Jul. 21, 1964	6	10	12	8	"	D	Sand loam 3; sandstone 32. Water at 28.
Con V	"	T. Young	W.C. Coleman	Sep. 24, 1964	4	5	25	25	"	D	Previously drilled 35; hard grey limestone 40; sandstone 50. Water at 50.
Con V	"	G. Crampton	C.V. Morrison	Oct. 21, 1961	4	6	22	22	"	D	Dark sandy soil 3; white sandstone 10; yellow sandstone 15; yellowish brown sandstone 44. Water at 42.
Con V	"	D. Henry	M. McLaughlin	Sep. 8, 1960	6	20	18	6	"	S	Clay loam 19; sandstone 55. Water at 50.
Con V	"	T.J. Fancs	C. Goodberry Well Drilling Ltd.	Apr. 24, 1962	6	20	20	9	"	D	Clay boulders 19; hard grey rock 62. Water at 35 and 58.
Con VI	"	J. Henry	M. McLaughlin	Oct. 15, 1964	6	5	40	19	"	D, S	Sand loam 7; sandstone 100. Water at 75.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LANARK COUNTY - cont.										
Ramsay Twp. - cont.										
Con VI	J. Henry	M. McLaughlin	Oct. 15, 1964	6 1/2	5	40	19	Fresh	D, S	Sand loam 7; sandstone 100. Water at 75.
Con VI	A. Rinsoul	C. Goodberry Well Drilling Ltd.	Dec. 30, 1960	6	10	15	12	"	D	Sandstone 42. Water at 37.
Con VI	N. Paul	M. McLaughlin	Oct. 29, 1963	6	20	42	32	"	D, S	Clay 2; limestone 85. Water at 77.
Con VI	B. Hughes	"	Jun. 17, 1963	6	10	20	11	"	D	Clay loam 3; broken layers limestone 6; limestone 70. Water at 50.
Con VI	H. Hazelwood	"	May 21, 1960	6	15	29	20	"	D, S	Clay 4; limestone 52. Water at 46.
Con VI	D. Munro	"	Feb. 22, 1960	6	20	15	10	"	D, S	Clay loam 5; medium limestone 50. Water at 35.
Con VI	J. McKay	"	Mar. 3, 1960	6	15	30	5	"	D, S	Clay loam 10; gravel 50; limestone 65. Water at 65.
Con VI	S. Patterson	"	Sep. 30, 1962	6	10	45	25	"	D	Clay boulders 10; sandstone 40; limestone 50; sandstone 72. Water at 56.
Con VI	H. Millar	"	Oct. 31, 1962	6	10	40	23	"	D, S	Clay 46; limestone 85. Water at 75.
Con VII	T. S.A.# 14	C. Goodberry Well Drilling Ltd.	Dec. 16, 1964	6	10	48	28	"	P	Limestone 3; sandstone 77. Water at 70.
Con VII	K. McGregor	M. McLaughlin	Jul. 27, 1963	7	10	60	29	"	D	Clay loam 12; limestone 132. Water at 120.
Con VII	J. Wadell	"	Aug. 23, 1962	6	8	55	12	"	D, S	Clay loam 5; sandstone 75. Water at 85.
Con VII	C. Syme	C. Goodberry Well Drilling Ltd.	Jun. 12, 1961	6	7	90	12	"	D, S	Topsoil 2; sand boulders 24; granite 100. Water at 60, 90 and 97.
Con VIII	Dept. of Public Works	A. Stanton	Jul. 20, 1961	6	30	8	4	"	P	Loam stones 4; hard grey limestone 70; sandstone 95. Water at 95.
Con VIII	I. Lamb	M. McLaughlin	Sep. 30, 1964	6	10	25	22	"	D	Sand loam 4; sandstone 34. Water at 30.
Con VIII	J. Lashley	C. Goodberry Well Drilling Ltd.	Apr. 19, 1963	6	35	40	28	"	S	Sand 2; blue limestone 18; brown sandstone 92; white sandstone 153. Water at 32 and 118.
Con VIII	J. Livingston	M. McLaughlin	Jun. 2, 1960	6	15	35	25	"	D	Clay loam 3; sandstone 60. Water at 54.
Con VIII	D. Lowrey	A. Stanton	Oct. 12, 1961	5	5		Flows	"	S	Loam 2; hard grey limestone 15; white sandstone 46. Water at 23 and 45.
Con VIII	E. Torok	M. McLaughlin	Sep. 25, 1963	6	10	40	32	"	D, S	Sand loam 5; broken layers sandstone 16; sandstone sand layers 100. Water at 85.
Con VIII	A.T. Munro	C. Goodberry Well Drilling Ltd.	Jan. 27, 1962	6	10	85	70	"	D	Topsoil 1; overburden 24; limestone 83; sandstone 100. Water at 96.
Con VIII	A. More	M. McLaughlin	Oct. 23, 1963	6	10	90	55	"	D, S	Broken layers sandstone 8; sandstone 100; limestone 145. Water at 130.
Con VIII	R. Commerford	C. Goodberry Well Drilling Ltd.	Jul. 10, 1964	6	30	20	20	"	D	Topsoil 1; boulders clay 10; sandstone 40. Water at 31.
Con VIII	M. Hickey	J.B. Puresne Capital Water Supply	Dec. 8, 1961	6	17	90	65	"	D	Clay 8; sandstone 117. Water at 115.
Con VIII	B. Hickey	"	May 6, 1963	5	10	69	68	"	D, S	Sandy loam 3; sandstone 118. Water at 80, 100 and 117.
Con VIII	J. Grace	A. Stanton	Sep. 15, 1960	5	15	60	15	"	S	Loam 15; sandstone 97. Water at 75 and 95.
Con VIII	W.A. Nolsmith	"	Mar. 14, 1960	5	10	38	6	"	D	Clay 75; sand 82; grey granite 132. Water at 108 and 130.
Con VIII	W. Harnos	C. Goodberry Well Drilling Ltd.	Dec. 3, 1964	6	15	100	14	"	D, S	Topsoil 1; clay 12; granite 150. Water at 25, 110 and 147.
Con IX	H. Grace	A. Stanton	Sep. 18, 1961	6	20	70	7	"	D, S	Blue clay 38; granite 80. Water at 68 and 75.
Con IX	E. Craig	M. McLaughlin	Nov. 14, 1963	6	10	70	50	"	D, S	Sandstone 85; fired soft rock 100; sandstone 117. Water at 95.
Con IX	E. Cowan	"	Jul. 31, 1964	6	10	75	60	"	D, S	Sand loam 3; sandstone 125. Water at 105.
Con IX	E. Robertson	A. Stanton	Jun. 2, 1964	6	10	60	58	"	D, S	Loam 5; grey limestone 60; sandstone 94. Water at 52 and 93.
Con IX	N. Meenan	C. Goodberry Well Drilling Ltd.	Jul. 5, 1962	6	20	65	57	"	D	Clay 12; white limestone 63; grey granite 91; white sandstone 100. Water at 91 and 96.
Con IX	J.A. MacPherson	Molughney	Apr. 13, 1961	6	6	65	30	"	D	Clay 36; grey limestone 91. Water at 80 and 91.
Con IX	Ont. Dept. of Highways	F.E. Johnston Drilling Co. Ltd.	Mar. 23, 1962	6	14	123	47	"	C	Brown clay 2; blue clay 90; blue clay fine sand 115; fine sand 120; blue clay 127; fine sand 132; coarse gravel 144. Water from 132 to 143.



# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

[illegible]

LEEDS COUNTY  
Athens Village  
Athens Vlg.  
Athens Vlg.





# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LEEDS COUNTY - cont.										
Athens Vlg.	B. Erwin	H.J. Davis	Sep. 27, 1963	5	10	10		Fresh	D	Clay 7; mixed limestone sandstone 87. Water at 85.
Athens Vlg.	B. Allen	"	Oct. 4, 1963	5	10	20	10	"	D	Sand 5; sandstone 66. Water at 64.
Athens Vlg.	B. Llord	P.H. Miller	Oct. 8, 1963	5	6	12	8	"	D	Grey clay 15; red granite 91. Water at 91.
Athens Vlg.	D. Greenham	C.V. Morrison	Oct. 9, 1963	4	5	28	25	"	D	Clay loam 7; sandstone 82. Water at 80.
Athens Vlg.	N. Peet	H.J. Davis	Apr. 17, 1964	5	10	20	10	"	D	Clay 19; mixed sand limestone 85. Water at 83.
Athens Vlg.	E. Lawson	"	Apr. 28, 1964	5	10	20	12	"	D	Clay sand 16; mixed sand limestone 79. Water at 77.
Athens Vlg.	R. Scott	"	Apr. 29, 1964	5	10	20	15	"	D	Clay sand 3; mixed sand limestone 89. Water at 86.
Athens Vlg.	G. Evey	"	May 8, 1964	5	10	30	15	"	D	Clay sand 10; mixed limestone sandstone 84. Water at 82.
Athens Vlg.	H. Watts	A.E. Morrison	Oct. 1, 1964	5	15	30	22	"	D	Black loam 5; blue limestone 20; brown sandstone 58. Water at 20 and 58.
Athens Vlg.	L. Dart	"	Oct. 20, 1964	4	5	15	12	"	D	Deepened previous well 65. Water at 63.
Athens Vlg.	R. Scott	C.V. Morrison	Oct. 24, 1964	2	25	25	60	"	D	Brown clay 6; grey limestone 73. Water from 70 to 73.
Athens Vlg.	E. Webster	R.H. Miller	Nov. 1, 1964	5	10	65	60	"	D	Black loam 8; brown sandstone 72. Water at 60 and 72.
Athens Vlg.	B. Covey	A.E. Morrison	Dec. 2, 1964	4	10	30	18	"	D	Black loam 6; brown sandstone 60. Water at 40.
Eastard Trp.										
Con I	P.M. Holland	F.J. McCarthy	Oct. 31, 1961	6	15	7		Fresh	D	Sand loam 5; grey limestone 31. Water at 25.
Con I	Portland	"	Jul. 24, 1963	6	10	15		"	D	Sand loam 2 1/2; grey limestone 42. Water at 40.
Con II	M. Barker	H. Kenny	Mar. 15, 1961	6	5	40	10	"	D	Brown loam 10; red granite 71. Water at 71.
Con II	P. Bass	"	Feb. 28, 1961	6	4	23	23	"	S	Brown loam 3; brown limestone 33. Water at 33.
Con II	L. Jones	P.J. McCarthy	Jun. 13, 1960	6	10	20	20	"	D	Sandy loam 6; limestone 37. Water at 35.
Con II	J. Dunlop	"	Jun. 11, 1960	6	1	9	9	"	D	Sand loam 5; sandstone 40. Water at 30.
Con II	C. Preenan	"	May 22, 1963	6	15	20	20	"	D	Sand 1; limestone 34. Water at 30.
Con II	Rothwell	"	Mar. 1, 1961	6	3	8	8	"	In	Clay loam 10; grey limestone 35. Water at 30.
Con II	L. Brown	R. Kenny	Nov. 29, 1962	6 1/2	6	32	7	"	D	Grey clay 9; grey limestone 38. Water at 38.
Con II	L. McConville	P.J. McCarthy	Jul. 27, 1960	6	10	10	5	"	D	Sand loam 3; sandstone 25. Water at 20.
Con II	P. Perrin	"	Jan. 12, 1960	6	15	12	8	"	D	Sandy loam 3; sandstone 38. Water at 36.
Con II	M. Kerfoot	"	Sep. 1, 1960	6	2	63	6	"	D	Clay 12; red rock 63. Water at 60.
Con II	V. Johnstone	"	Nov. 2, 1961	6	3	8	5	"	D	Grey limestone 45. Water at 40.
Con II	C. Baxter	"	Mar. 2, 1961	6	3	5	5	"	D	Clay 12; sandstone 40. Water at 35.
Con II	D. Folk	"	Apr. 18, 1962	5 1/2	40	30		"	D	Old drilled well 42; new drilled sandstone 52. Water at 45.
Con II	A. Seward	"	Apr. 20, 1962	6	15	Flows	Flows	"	D	Old dug well 14; clay boulders 46; limestone 48; gravel 50; limestone 52. Water at 50.
Con II	H.S. Clark	R. Kenny	Jun. 5, 1962	6	17	15	7	"	P	Grey clay 23; red limestone 50; grey limestone 73. Water at 71.
Con II	Rothwell & Perrin Co.	F.J. McCarthy	Aug. 18, 1962	6	10	45	33	"	D	Grey limestone 70; red granite 74. Water at 70.
Con II	E. Walls	"	Sep. 26, 1962	6	15	10	10	"	D	Clay gravel 38; red soft rock 43; red granite 50. Water at 47.
Con II	M. Hudson	C.W. Jones	May 4, 1964	6	5	30	10	"	D	Clay 5; coarse gravel 2; red rock 60. Water at 57.
Con II	Rothwell & Perrin	"	May 6, 1964	6	5	10	8	"	P	Clay 10; coarse gravel 19; grey limestone 35; red rock 63. Water at 60.
Con II	M. Snier	"	May 8, 1964	6	5	12	12	"	D	Clay 2; limestone 60. Water at 57.
Con II	W. Kerfoot	"	May 15, 1964	6	5	50	3	"	D	Clay 10; coarse gravel 43; limestone 93. Water at 90.
Con II	E. Walls	F.J. McCarthy	Jul. 1, 1964	6	5	10	7	"	D	Clay gravel 38; red soft rock 43; red granite 65; limestone 96. Water at 95.

LEEDS COUNTY - cont.

East Twp.	lot 19	cont.	B. Leadbeater	C.W. Jones	Jul. 25, 1964	6	5	20	20	Fresh	D	Clay 15; gravel 18; limestone 30; red rock 61. Water at 58. Clay 10; sand 22; limestone 61. Water at 49. Sand loam 6; sandstone 36. Water at 34. Grey limestone 60; red sandstone 87. Water at 70 and 85. Sand loam 2; limestone 10; shale 16; red rock 66. Water at 64. Sand loam 2; limestone 40; red granite 69. Water at 65. Sand loam 1; hard grey limestone 73. Water at 65. Red sand 4; shale sand clay 16; white limestone 45; sandstone 50. Water at 47. Sand loam 1; grey limestone 40; sandstone 46. Water at 40. Sand loam 2; sandstone 61. Water at 50. Old dug well 16; boulders 27; sandstone 50. Water at 47. Sand loam 12; sandstone 37. Water at 35. Limestone 40. Water at 35. Clay 8; sandstone 30. Water at 26. Clay stones 7; sandstone 37. Water at 35. Sand loam 1; sandstone 30. Water at 28. Sand loam 1; sandstone 3; hard grey limestone 28; red rock 45; grey granite 52. Water at 48. Sandy loam 9; sandstone 40. Water at 35. Clay 3; sandstone 40. Water at 35. Hard grey limestone 32; sandstone 34. Water at 32. Sand loam 6; hardpan 8; grey limestone 47. Water at 45. Clay 20; grey limestone 33. Water at 32. Clay boulders 24; grey limestone 47. Water at 44. Clay boulders 26; sandstone 60; soft green rock 70; sandstone 80. Water at 40 and 70. Clay 10; gravelly topsoil 25; limestone shale 33; solid limestone 92. Water at 89. Old well 5; sandstone 69. Water at 65. Sandstone 81; limestone. Water at 70. Brown loam 5; grey limestone 121. Water at 120. Brown sandy soil 1; brown sandstone 37. Water at 37. Limestone 15; brown sandstone 40; grey sandstone 68. Water at 30 and 65. Old well 14; sandstone 47. Water at 45. Sand loam 1; boulders 8; limestone 40. Water at 35. Sand loam 1; limestone 30; sandstone 36. Water at 25. Sand loam 3; limestone 65; sandstone 69. Water at 68. Shale 6; limestone 12. Water at 37. Sand loam 2; grey limestone 40. Water at 38. Clay 17; light grey limestone 80; sandstone 84. Water at 80. Old hole blasted 12; white limestone 53. Water at 50. Loam 8; limestone 62. Water at 59. Old dug well 25; grey limestone 48. Water at 45. Old drilled well 31; limestone 38; sandstone 39. Water at 38. Brown loam 1; white sandstone 5; Water at 51.
Con II	19		B. Leadbeater	C.W. Jones	Jul. 25, 1964	6	5	20	20	Fresh	D	
Con II	19		J. Burns		Jul. 27, 1964	6	5	14	14	"	D	
Con II	20		W. House	P.J. McCarthy	Apr. 3, 1962	6	5	25	15	"	D	
Con II	20		H.F. Hamilton	"	Jun. 19, 1963	6	10	35	24	"	D	
Con II	20		W.H. Hooper	"	Sep. 9, 1963	6	20	7*	7*	"	D	
Con II	20		S. Lathrop	"	May 12, 1964	6	10	45	15	"	D	
Con II	21		A. McWetter	"	May 23, 1961	6	4	8	5	"	D	
Con II	21		Bastard School Area	"	Apr. 25, 1963	6	15	45	36	"	P	
Con II	22		J.G. Showler	"	Aug. 1, 1961	6	5	25	16	"	D	
Con II	24		J. Schmid	"	Nov. 3, 1964	6	20	30	28	"	D,S	
Con II	24		H. Chert	"	Nov. 21, 1964	6	20	45	40	"	D,S	
Con II	26		C. Pool	"	Sep. 4, 1962	6	10	20	10	"	D,S	
Con III	Core		E. DeVore	"	Mar. 7, 1961	4	5	18	16	"	D,S	
Con III	16		J. Vanluven	C.V. Morrison	Jun. 17, 1960	4	5	18	16	"	D	
Con III	17		B. Whalen	F.J. McCarthy	Jun. 8, 1960	6	10	16	16	"	D	
Con III	18		E.H. Bolton	"	Jan. 18, 1960	6	10	16	16	"	D	
Con III	18		I. James	"	Jun. 7, 1961	6	15	12	15	"	D	
Con III	18		E. Kirkland	"	Aug. 30, 1963	6	3	20	16	"	D	
Con III	19		P. Perrin	"	Jan. 9, 1960	6	15	11	11	"	D	
Con III	19		B. Polk	"	Jun. 9, 1960	6	15	14	14	"	D	
Con III	20		B. Whalen	"	Aug. 13, 1964	6	15	20	15	"	C	
Con III	23		E. Ready	"	Oct. 8, 1962	6	15	25	15	"	D,S	
Con III	27		C. Bond	"	Oct. 27, 1961	6	10	10	15	"	D	
Con III	27		V.W. Baker	"	Oct. 2, 1962	6	10	13	13	"	D	
Con III	28		C. Baker	"	Jan. 23, 1960	6	5	17	17	"	D,S	
Con III	30		A. Merriman	C. Jones	Apr. 8, 1963	6	10	20	20	"	S	
Con IV	2		P. Biley	F.J. McCarthy	Sep. 28, 1960	6	2	55	55	"	D,S	
Con IV	2		K. Vogel	"	Dec. 3, 1962	6	15	65	65	"	D,S	
Con IV	17		L. Campbell	R. Kenny	Mar. 13, 1962	6	10	20	20	"	D,S	
Con IV	20		J. Delorme	"	Jul. 3, 1961	6	5	20	10	"	D	
Con V	7		K.L.O'Grady	C.V. Morrison	Jul. 6, 1962	6	10	25	25	"	D,S	
Con V	11		B. Chant	F.J. McCarthy	Sep. 23, 1964	6	20	27	15	"	D,S	
Con V	15		A. Irwin	"	May 29, 1961	6	2	40	9	"	D	
Con V	15		A. Pattimore	"	May 29, 1962	6	2	33	4	"	D	
Con V	17		L. Townsend	"	May 27, 1961	6	3	44	25	"	D,S	
Con V	19		E. Jaquith	"	Dec. 17, 1964	5*	3	28	18	"	D,S	
Con V	22		A. Rowsell	F.J. McCarthy	Jun. 17, 1960	6	2	13	25	"	D,S	
Con VI	13		A. Hanna	"	Nov. 29, 1961	6	2	14	20	"	D,S	
Con VI	13		C.L. Wykes	"	Nov. 25, 1964	6	17	19	15	"	D,S	
Con VI	16		C. Keillan	"	Jul. 15, 1960	6	6	12	12	"	D	
Con VI	16		R. Kenny	"	Oct. 28, 1964	6	10	27	24	"	D,S	
Con VI	23		B. McWachen	F.J. McCarthy	May 5, 1962	6	20	37	31	"	D	
Con VI	23		W. Chant	"	Aug. 24, 1962	6	2	45	20	"	D	
Con VI	23		C. McWachen	R. Kenny						"	D	

1.2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LEEDS COUNTY - cont.										
Bastard Twp. - cont.										
Con VII	C. Glow	F.J. McCarthy	Aug. 22, 1963	6	10	30	25	Fresh	D	Red sand 2; grey limestone 36; sandstone 46. Water at 44.
Con VII	J. Linton	"	Nov. 23, 1960	6	2	25	25	"	D	Sand loam 3; grey limestone 58. Water at 55.
Con VII	C. Balson	"	Nov. 17, 1960	6	2	27	22	"	D, S	Old hole 2; grey limestone 87. Water at 65.
Con VII	M. Denhaven	"	Jan. 10, 1962	6	15	25	15	"	D, S	Sand loam 3; sandstone 40. Water at 33.
Con VII	C.W. Jones	"	Oct. 24, 1964	6	5	52	52	"	D, S	Shale 8; limestone 67. Water at 52.
Con IX	P. Tackaberry	T. Davis	May 25, 1962	4	5	14	12	"	D	Heavy clay 50; limestone 86. Water at 85.
Con IX	A. Belmont	C.W. Jones	Jul. 18, 1964	6	5	18	18	"	D	Limestone 33. Water at 30.
Con IX	R. McIntyre	"	Jul. 31, 1964	6	5	18	8	"	D	Sandy topsoil 4; limestone 44. Water at 41.
Con IX	Bastard	F.J. McCarthy	Dec. 18, 1961	6	15	11	11	"	P	Clay loam 4; sand loam 10; clay 14; sand 26; red rock 56. Water at 52.
Con IX	G. Bowman	"	Aug. 17, 1963	6	15	20	7	"	D	Blue clay 7; sand clay 35; hardpan 43; hard grey limestone 50; red rock 60. Water at 58.
Con IX	B. Halliday	C.W. Jones	Jul. 16, 1964	6	5	25	25	"	D	Clay 10; quicksand 53; limestone 60. Water at 57.
Con IX	E. Jacques	R. Kenny	Jul. 10, 1960	6	8	20	15	"	D	Sand 35; sandstone 41. Water at 41.
Con IX	H. Russell	F.J. McCarthy	Mar. 11, 1961	6	3	70	10	"	D	Sandy loam 3; grey limestone 70. Water at 65.
Con IX	Dr. A. Jacobs	"	Mar. 17, 1961	6	3	12	12	"	In	Sandy loam 17; grey limestone 70. Water at 65.
Con IX	A.R. Castellier	"	Oct. 21, 1961	6	15	20	10	"	S	Sand loam 3; limestone 37. Water at 32.
Con IX	E. Jacques	"	Oct. 24, 1961	6	15	15	8	"	D	Sand loam 4; limestone 42; sandstone 46. Water at 42.
Con IX	Confederated Foods	"	Apr. 30, 1961	6	15	17	5	"	D	Sand loam 4; sand 14; grey limestone 40. Water at 35.
Con IX	C.J. Wellers	"	May 7, 1962	6	12	10	7	Sulphur	In	Sandy clay 13. Water at 28.
Con IX	R. Edwards	B. Kenny	May 12, 1962	6	10	10	4	Fresh	D	Grey fine sand 25; grey limestone 98. Water at 98.
Con IX	"	F.J. McCarthy	Jun. 22, 1963	6	15	15	12	"	D	Sand clay loam 62; white limestone 30; sandstone 34. Water at 30.
Con IX	B. Gibson	"	Nov. 27, 1963	6	20	6	6	"	D	Blue clay 8; white sand 21; grey limestone 41. Water at 38.
Con IX	E. Soper	"	Nov. 14, 1963	6	6	118	6	"	D	Clay 22; limestone 118. Water at 31.
Con IX	W. McKrea	R. Kenny	Aug. 21, 1963	6	6	20	12	"	D	Brown sand 2; brown limestone 66. Water at 60.
Con IX	A. Crisp	"	Nov. 21, 1963	6	6	20	7	"	D	Brown loam 1; grey limestone 51. Water at 50.
Con IX	R. Morris	F.J. McCarthy	Apr. 28, 1964	6	10	20	4	"	D	Blue clay 8; limestone 45. Water at 40.
Con IX	E. Chance	"	Jun. 10, 1964	6	3	30	4 1/2	"	D	Blue clay 8; sand 25; limestone 56; grey granite 61. Water at 58.
Con IX	C. Halliday	C.W. Jones	May 1, 1964	6	5	20	6	"	D	Clay 12; limestone 50. Water at 47.
Con X	C. Kennedy	R.H. Miller	Jun. 19, 1962	2	8	20	10	"	D	Grey limestone 152. Water at 152.
Con X	A. Caillier	R. Kenny	Jul. 5, 1960	2	8	11	4	"	D	Sand 52; sandstone 53. Water at 53.
Ochs' Island	C. Ochs	R.H. Miller	Jun. 9, 1961	2	3	20	9	"	P	Gravel 6; red granite 115. Water at 115.
Brockville Town										
Brockville Town	G. Newburn	H.J. Davis	May 18, 1960	5	10	15	15	Fresh	D	Sand 1; limestone 51. Water at 49.
Brockville Town	E. Rossbottom	"	Jun. 6, 1960	5	10	15	15	"	D	Sand 2; limestone 51. Water at 49.
Brockville Town	J. Billings	R. Kenny	Jun. 15, 1960	5	17	11	11	"	D	Loam 8; limestone 45. Water at 42.
Brockville Town	C.V. Morrison	"	Aug. 8, 1960	6	23	23	18	"	D	Soil 5; limestone 91. Water at 90.
Brockville Town	E. Shorey	R.H. Miller	Dec. 1, 1960	2	6	38	30	"	D	Hardpan large boulders 30; grey limestone 55; white quartz 114. Water at 114.
Brockville Town	D. Landon	C.V. Morrison	Sep. 15, 1960	6	5	40	35	"	D	Previously drilled 40; sandy limestone 90. Water at 86.
Brockville Town	O. Smith	"	Sep. 21, 1960	4	5	20	20	"	D	Sandy soil 2; black clay 8; sandy limestone 75. Water at 70.
Brockville Town	P. Manoll	R.H. Miller	Apr. 25, 1961	2	16	10	1	"	D	Red granite 96. Water at 96.
Brockville Town	O. Torkkell	"	May 16, 1961	2	12	20	18	"	D	Sandy loam 5; red granite 70. Water at 70.

## LEEDS COUNTY - cont.

Town	Owner	Date	Acres	Fresh	C	Notes
Brockville Town -cont.						
Brockville Town	W.R. McRae	Jun. 29, 1961	10	38		Clay 14; grey granite 38. Water at 28.
Brockville Town	F. Kosche	Jul. 11, 1961	170	30		Sandy loam 4; red granite 72. Water at 70.
Brockville Town	C.V. Morrison	Jul. 12, 1961	6	22	D	Sandy limestone 25; dark brown sandstone 50. Water from 40 to 50.
Brockville Town	D. Thompson	Nov. 17, 1961	2	16	D	Old well 9; hard limestone 58. Water at 58.
Brockville Town	F. Walker	Jan. 20, 1962	5	20	D	Sand 3; limestone 51. Water at 50.
Brockville Town	C. Hutton	Apr. 4, 1962	10	35	D	Gravelly hardpan 11; grey granite 47. Water at 45.
Brockville Town	H.J. Davis	May 2, 1962	10	25	D	Sand 3; limestone 72. Water at 70.
Brockville Town	S.J. Fraser	May 5, 1962	2	20	D	Red granite 80. Water at 80.
Brockville Town	R.H. Miller	May 14, 1962	5	48	D	Topsoil 2; brown sandstone 35; limestone 52. Water at 50.
Brockville Town	K. Koche	Sep. 1, 1962	5	17	D	Sand 13; brown sandstone 35; grey granite 61. Water at 59.
Brockville Town	G. Green	May 28, 1962	7	12	C	Loam 2; sandstone 60. Water at 54.
Brockville Town	Travellers Co. Insurance Co.	May 29, 1962	7	30		Loam 2; sandstone 60. Water at 54.
Brockville Town	McLean Water Supply Ltd.	Nov. 17, 1962	7	30	D	Black topsoil 4; clay hardpan 15; sand limestone 38; grey granite 45. Water at 43.
Brockville Town	Dutch Store Ltd.	Nov. 19, 1962	2	12	D	Sand 10; red granite 35; soft green shale 108. Water at 108.
Brockville Town	R.H. Miller	Feb. 12, 1963	2	4	D	Hardpan boulders 25; hard grey limestone 66. Water at 66.
Brockville Town	J. Kingsley	Jun. 7, 1963	2	6	D	Brown clay 4; hard grey limestone 40. Water at 40.
Brockville Town	A.E. Morrison	Jun. 15, 1963	3	20	D	Brown sandstone 50; white sandstone 32. Water from 25 to 32.
Brockville Town	C.V. Morrison	Aug. 3, 1963	3	19	D	Dark loam 7; brown sandstone 32. Water from 25 to 32.
Brockville Town	H.J. Davis	Aug. 8, 1963	3	10	D	Sand 1; limestone 60. Water at 58.
Brockville Town	Dutch Store Ltd.	Aug. 31, 1963	3	45	D	White sandstone 87. Water at 85.
Brockville Town	R.H. Miller	May 25, 1964	2	30	D	Sand fill 3; grey limestone 88. Water at 85.
Brockville Town	G. Perrin	Sep. 8, 1964	3	4	C	Sand 1; limestone 65. Water at 64.
Brockville Town	K. Dudley	Sep. 21, 1964	2	30	D	Hardpan boulders 7; grey limestone 105. Water at 105.
Brockville Town	R.H. Miller	Sep. 22, 1964	2	10	D	Sand 2; sandstone 51. Water at 49.
Brockville Town	H.J. Davis	Sep. 22, 1964	2	20	D	Hardpan boulders 15; hard grey limestone 94. Water at 94.
Brockville Town	R.H. Miller	Sep. 25, 1964	2	41	D	
Elizabeth Town						
Elizabeth Town	G.T. Fulford	May 19, 1960	2	12	D	Old well 50; white quartz 106. Water at 106.
Elizabeth Town	W. Ralph	Jun. 29, 1960	2	16	D	Hard grey limestone 70; grey quartz 157. Water at 157.
Elizabeth Town	R. Rhodes	May 30, 1961	4	55	D	Topsoil 1; clay 42; grey limestone 122. Water at 67 and 119.
Elizabeth Town	L. Evans	Jun. 10, 1961	5	55	D	Clay 41; limestone 121. Water at 120.
Elizabeth Town	E. Sadler	Nov. 25, 1964	5	10	D	Clay 40; sandstone 147. Water at 147.
Elizabeth Town	River View School	Mar. 21, 1961	5	130	P	Sand 1; sandstone 107. Water at 105.
Elizabeth Town	S. Kruike	Jul. 30, 1962	5	10	D	Sand 4; limestone 75. Water at 73.
Elizabeth Town	A&W Drive-In Restaurant	Dec. 13, 1962	2	6	C	Sandy loam 9; shale 50; limestone quartz 148. Water at 148.
Elizabeth Town	R.H. Miller	Dec. 9, 1963	5	40	D	Clay 2; sandstone 133. Water at 70 and 130.
Elizabeth Town	C.V. Morrison	Jun. 9, 1963	5	15	D	Light soil 4; grey sandstone 72. Water at 70.
Elizabeth Town	Dutch Store Ltd.	Apr. 29, 1962	5	37	D	Fill 1; grey sandstone 96. Water at 74.
Elizabeth Town	H.J. Davis	Aug. 3, 1963	5	10	D	Sand 5; sandstone 89. Water at 89.
Elizabeth Town	K. Veensra	Oct. 15, 1963	5	22	D	Sand 4; sandstone 82. Water at 80.
Elizabeth Town	G. Clarke	Jan. 17, 1964	2	8	D	Sandy loam 2; soft limestone 40; hard limestone quartz 117. Water at 117.
Elizabeth Town	G.T. Fulford	Sep. 9, 1964	6	95	P	Rock limestone 25; dolomite 60; sandstone 150. Water at 65 and 139.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LEDS COUNTY - cont. Elizabethtown Twp. cont.										
Con I	Permanent Transit Mix	R.H. Cassleman	Sep. 9, 1964	6	13	43	26	Fresh	C	Pill 9;sandstone 100. Water at 90.
Con I	R.S.Dickinson	C.V. Morrison	Apr. 5, 1962	4	8	15	10	"	C	Dark sandy clay 2;limestone 20;sandy limestone 80;white sandstone 83. Water at 5, 40 and 80.
Con I	G. Byers	The Dutch Store Ltd.	Aug. 9, 1963	5	10	53	40	"	D	Black topsoil 5;blue clay 48;limestone 104. Water at 95.
Con I	A. Simpson	R.H. Miller	Nov. 12, 1963	2	5	65	58	"	D	Sandy loam 3;hard limestone quartz 147. Water at 147.
Con I	K.J. Lawcett	A.E. Morrison	Mar. 3, 1964	5	20	20	7	"	D	Dark loam 12;brown sandstone 40;white sandstone 48. Water from 40 to 48.
Con I	L. Rossetti	B.H. Miller	Nov. 11, 1960	2	2	20	12	"	D	Grey clay 20;pink grey quartz 88. Water at 88.
Con I	A. Fleck	J.B. Duffresne Co. Ltd.	Apr. 27, 1964	6	35	95	40	"	D	Broken rock sandstone 125. Water at 95 and 120.
Con I	Can Oil Co. Ltd.	A. Gauthier	Feb. 1, 1960	4	7 1/2	40	12	"	C	Bedrock 5;granite 65. Water at 61.
Con I	H. Edwards	C.V. Morrison	Feb. 13, 1960	4	5	35	18	"	D	Red granite 125;blue granite 155;multi-coloured granite 195. Water at 193.
Con I	A. Hendry	"	Jul. 1, 1961	4	5	4	4	"	D	Black topsoil stones 13 1/2;red grey granite 55. Water from 45 to 55.
Con I	Dr. M. Jones	"	Oct. 6, 1962	4	10	60	16	"	D	Grey granite 100. Water from 80 to 100.
Con I	J.V. Coleman	"	Oct. 20, 1962	4	10	35	12	"	D	Sand 2;grey granite 62. Water at 35 and 61.
Con I	J.W. Duncan	"	Oct. 16, 1963	5	10	80	21	"	D	Topsoil stone 2;granite 100. Water from 60 to 100.
Con I	J. McKean	R.H. Miller	Dec. 5, 1963	2	10	17	12	"	D	Old well 90;red granite 130. Water at 130.
Con I	J. Fairburn	C.V. Morrison	Nov. 5, 1960	4	5	25	25	"	D	Dug well 20;clay boulders 58;grey granite 104. Water at 100.
Con I	B. Howard	B. Skull	Feb. 1, 1961	6	18	39	39	"	D	Topsoil 7;grey granite 119. Water at 60 and 119.
Con I	G. Paul	R.H. Miller	Sep. 21, 1961	2	6	23	19	"	D, S	Brown clay 3;red granite 53. Water at 53.
Con I	T. Beach	"	Nov. 19, 1962	2	9	12	9	"	D	Sandy loam 13;red granite 64. Water at 64.
Con I	D. Henry	H.J. Davis	Apr. 4, 1961	5	10	40	27	"	D	Sand 2;grey limestone 108. Water at 105.
Con I	M.P.W. Greene	B.H. Miller	Mar. 28, 1963	2	18	47	40	"	D	Sandy loam 2;sandstone 30;red granite 132. Water at 132.
Con I	J.P. Henry	R.H. Cassleman	Jan. 11, 1964	5	7	30	27	"	D	Sandy loam 4;sandstone 71. Water at 61.
Con I	J. VanVelze	The Dutch Store Ltd.	Feb. 14, 1964	5	10	26	16	"	D	Sand back fill 3;muck 5;grey limestone 68. Water at 65.
Con I	G. Grenon	H.J. Davis	May 27, 1964	6	10	20	12	"	D	Sand clay 18;limestone 40;red granite 81. Water at 79.
Con I	P. Lemmens	"	Jun. 6, 1964	6	10	45	45	"	D	Sand 3;sand limestone 109. Water at 107.
Con I	R. Trussell	R.H. Miller	Aug. 26, 1964	2	6	50	48	"	D	Sandy loam 2;sandstone 25;grey granite 93. Water at 96.
Con I	Baxter Enterprises	"	Jul. 10, 1964	2	6	70	60	"	D	Old well 80;grey granite 141. Water at 141.
Con I	D. Hunter	H.J. Davis	Jun. 20, 1960	4	10	35	20	"	D	Sand 1;sandstone 81. Water at 80.
Con I	J. Chivwell	"	Sep. 20, 1960	5	10	50	30	"	D	Sand 1;red granite 126. Water at 124.
Con I	Countr' Inn Restaurant	C. GoodberryWell Drilling Ltd.	Jul. 9, 1962	5	10	65	60	"	C	Previously drilled well 51;red granite 86. Water at 80.
Con I	F. Graham	C.V. Morrison	Aug. 2, 1962	4	5	15	15	"	D	Clay boulders 20;limestone 50. Water at 45.
Con I	H. Cross	A.E. Morrison	Nov. 4, 1963	5	20	75	68	"	D	Brown loam 1;grey sandstone 80;grey granite 140;red grey granite mixture 193;coarse red granite 198. Water at 68 and 198.
Con I	L. Eagly	W.H. " Davy & Son	Dec. 17, 1963	6	20	15	7	"	D	Clay 4;grey sandstone 44. Water at 35.
Con I	G. Hudson	G. Morrison	Jan. 4, 1960	6	10	30	11	"	D	Sand 35;gravel 38. Water at 38.
Con I	J. Shewan	C.V. Morrison	Mar. 23, 1961	5	5	18	16	"	D	Previously drilled 42;brown sandstone 74. Water at 70.
Con I	B. Young	"	Nov. 5, 1963	4	5	18	16	"	D	Brown limestone 70;grey sandstone 88. Water at 86.



LEEDS COUNTY - cont.  
Elizabethtown Twp. cont

Con I	G.O'Hara	R.H. Miller	Oct. 28, 1964	2	6	24	20	Fresh	D	Sandy loam 3;sandstone 82. Water at 82.
Con I	E. Geoghele	R.H. Gasselman	Jun. 5, 1964	2	17	30	18	"	D	Sandy loam 3;sandstone 80. Water at 70.
Con I	J. Herblison	E.J. Davis	Jun. 1, 1961	2	10	20	20	"	D	Sand 2;grey limestone 72. Water at 70.
Con I	C. Foley	"	Jun. 8, 1961	2	10	20	15	"	D	Sand 2;grey limestone 66. Water at 64.
Con I	E. Chisamore	W.H. Davy & Son	Sept. 25, 1962	2	10	62	58	"	D	Sandy loam 19;sandstone 60;blue granite 97. Water at 90.
Con I	Ont. Dept. of Highways	"								
Con I	"	B. Kenny	Oct. 18, 1961	6	15	25	20	"	P	Sandy loam 3;grey limestone 90;grey granite 108. Water at 105.
Con I	J.E. Delaney	R.H. Miller	Nov. 15, 1962	2	10	21	18	"	D	Gravel 2;sandstone 30;granite 80. Water at 80.
Con I	A.C. Custance	F.C. Johnston	Mar. 29, 1963	5	6	45	25	"	D	Sandy loam 1;shaly limestone 7;grey limestone 15;layers grey red granite 94. Water at 66 and 88.
Con I	"	"						"	D	Old drilled well 49;grey limestone 89;white quartz 102. Water at 102.
Con I	E. Cammack	R.H. Miller	Jul. 28, 1960	2	4	51	44	"	D	Sandstone shale 50;red granite 117. Water at 117.
Con I	J. Wilson	"	Oct. 9, 1962	2	12	20	16	"	D	Sandy loam 5;sandstone 30;red granite 111. Water at 111.
Con I	B. Stotestbury	H.J. Davis	May 9, 1963	2	16	19	18	"	D	Sand 2;limestone 83. Water at 80.
Con I	E. Halley	"	May 23, 1961	5	10	25	25	"	D	Sand 2;grey limestone 72. Water at 70.
Con I	E. Herblison	"	Jun. 1, 1961	5	10	30	30	"	D	Topsoil 1;sandy limestone 77. Water at 75.
Con I	G. Hanger	C.V. Morrison	Jul. 10, 1961	4	5	18	18	"	D	Topsoil 2;grey limestone 40;sandstone 110. Water from 100 to 110.
Con I	A. Goosens	"	Aug. 3, 1961	4	5	70	70	"	D	Previously drilled 200;sandstone 221. Water at 219.
Con I	S.H. Johnson	J.B. DuFresne & Co.	Oct. 15, 1964	4	4	80	60	"	S	Sand 3;limestone 80. Water at 78.
Con I	E. Cowell	H.J. Davis	Jul. 1, 1960	5	10	30	30	"	D	Sand 3;sandstone 85. Water at 82.
Con I	E. Elliott	"	Jul. 12, 1960	5	10	35	30	"	D	Drilled well 79;red granite 101. Water at 91.
Con I	F. Flanders	C. Goodberry/Well Drilling Ltd.	Jul. 15, 1960	6	5	91	20	"	D	
Con I	G. Miller	R.H. Miller	Oct. 30, 1963	2	4	75	69	"	D	Sandy loam 2;brown sandstone 60;grey granite 144. Water at 144.
Con II	"	"						"	D	
Con II	M. Sadler	H.J. Davis	Dec. 12, 1964	5	10	40	20	"	D	Clay 40;mixed sand limestone 128. Water at 126.
Con II	E. Hough	"	Oct. 6, 1960	5	10	35	30	"	D	Sand 9;grey limestone 81. Water at 79.
Con II	L.C. Seames	R.H. Miller	Oct. 17, 1960	2	5	45	38	"	D, S	Old dug well 15;hardpan large boulders 35;soft grey limestone 81. Water at 81.
Con II	"	"						"	D	Black loam 10;hard grey limestone 40;black slate stone 65; brown sandstone 69. Water at 40, 65 and 69.
Con II	M.F. Argue	A.E. Morrison	Mar. 13, 1963	5	40	30	10	"	D	Sand 10;limestone 61. Water at 39.
Con II	W. Werner	H.J. Davis	Feb. 17, 1960	5	10	20	20	"	D	Dug well 10;limestone 25;brown sandy limestone 35;brown sandstone 78;white sandstone 90. Water at 10, 28 70 and 97.
Con II	P. Henderson	C.V. Morrison	Dec. 8, 1961	4	6	45	40	"	D	
Con II	"	"						"	D	
Con II	A.B. Henderson	"	Nov. 7, 1964	4	7	40	40	"	Ir	Topsoil 26;sandstone 134. Water at 134.
Con II	E. Edgley	H.J. Davis	Nov. 15, 1961	5	10	30	25	"	D	Sand 4;sandstone 60. Water at 58.
Con II	K. Kenzies	"	Dec. 20, 1962	6	10	15	12	"	D	Sand 2;sandstone 57. Water at 55.
Con II	J. Burns	C.V. Morrison	Jul. 10, 1964	4	5	15	12	"	D	Light soil 2;limestone 69. Water at 67.
Con II	B. Corvill	"	Sep. 25, 1964	4	5	25	25	"	D	Topsoil 2;sandstone 55. Water from 50 to 55.
Con II	G. Reid	H.J. Davis	Nov. 25, 1960	4	10	30	30	"	D	Sand 4;sandstone 74. Water at 70.
Con II	F. White	"	Aug. 20, 1960	5	10	30	30	"	D	Sand 1;sandstone 82. Water at 80.
Con II	C. Ballings	C.V. Morrison	Sep. 22, 1960	5	5	30	25	"	D	Brown topsoil 10;grey red granite 40;sandstone 58. Water at 55.
Con II	"	"						"	D	
Con II	B. Warren	H.J. Davis	Jul. 14, 1961	5	10	30	25	"	D	Sand 3;grey sandstone 90. Water at 88.
Con II	B. Moorbrock	"	Apr. 22, 1963	5	10	25	18	"	D	Sand 1;sandstone 85. Water at 82.
Con II	Howard School	"	Sep. 8, 1961	10	20	15	15	"	P	Sand 5;sand grey stone 81. Water at 79.
Con II	J. Norman	C.V. Morrison	Sep. 7, 1960	4	5	30	25	"	D	Clay boulders 36;grey granite 92. Water at 90.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LEADS COMPANY - cont. Elizabethtown Twp. cont.										
Con II	G. Marshall	R.H. Miller	Jun. 19, 1961	2	5	15	6	Fresh	D	Clay 24;sand 26;grey limestone 110. Water at 110.
Con II	H. Pettum	"	Jan. 25, 1962	2	24	24	9	"	D	Pine sand 5;grey granite 35;granite quartz 60. Water at 65.
Con II	R. Kettum	"	Jul. 30, 1963	2	12	20	18	"	D	Sandy loam 3;grey limestone 86. Water at 86.
Con II	R. Kettum	"	Jul. 30, 1963	2	42	42	34	"	D	Sandy loam 3;grey limestone 92. Water at 92.
Con II	R.H. Miller	"	Sep. 7, 1961	2	20	27	16	"	D	Quartz limestone 60;grey granite 105. Water at 105.
Con II	R.H. Miller	"	Jun. 13, 1962	2	20	27	15	"	D	Sandy loam 6;blue clay 46;grey granite 108. Water at 106.
Con II	R.H. Miller	"	Jun. 30, 1961	2	20	27	15	"	D	Topsoil 6;sandstone 94. Water at 90.
Con II	C.V. Morrison	"	Apr. 6, 1961	4	8	70	65	"	D	Brown sandy clay 5;white sandstone 85;sandy limestone 100. Water at 45, 70 and 96.
Con II	L.C. Woodhall	"	Apr. 31, 1962	4	8	70	65	"	D	Sand fill 6;brown clay 21;grey granite quartz 76. Water at 76.
Con II	R.H. Miller	"	Sep. 25, 1963	2	6	15	7	"	D	Sand 7;mixed sand granite 50;mixed grey red granite 104 Water at 100.
Con II	H. Avery	H.J. Davis	Dec. 7, 1964	5	10	35	20	"	D	Topsoil 5;grey limestone 82. Water at 79.
Con II	Western	T. Davis	Dec. 22, 1960	5	5	20	12	"	P	Sand 1;sandstone 81. Water at 79.
Con II	S.S.# 3	"	"	"	"	"	"	"	"	Sand 4;limestone 55. Water at 53.
Con III	B. Kennedy	H.J. Davis	Apr. 11, 1963	5	10	10	8	"	D	Sand 2;sandstone 48. Water at 46.
Con III	P. Hough	"	Apr. 18, 1960	5	10	15	15	"	D	Grey limestone 45;white quartz 69. Water at 65.
Con III	J. Berends	"	Apr. 29, 1960	4	10	15	15	"	C	Grey limestone 25;sandstone 37. Water at 35.
Con III	C. Hilsman	"	Jun. 15, 1960	2	14	12	5	"	C	Soft grey limestone 72. Water at 72.
Con III	W. Kemp	R.H. Miller	Mar. 15, 1961	5	10	10	10	"	C	Topsoil 9;limestone 19;sandstone 45. Water at 35 and 40.
Con III	Stevens Farm Supply	"	Jul. 22, 1960	2	10	20	16	"	C	Sand 2;sandstone 82. Water at 82.
Con III	W. Allright	B.B. Skull	Oct. 7, 1960	5	20	13	13	"	D	Sand 4;sandstone 83. Water at 80.
Con III	L. Schmitt	"	Oct. 28, 1960	4	10	65	55	"	D	Sand 1;mixed sandstone limestone 72. Water at 70.
Con III	A. Croon	"	Oct. 26, 1961	5	10	40	30	"	D	Sand 1;sandstone 104. Water at 102.
Con III	T. Major	"	Nov. 24, 1961	5	10	35	22	"	D	Fill 2;limestone 40;brown sandstone 78. Water at 75.
Con III	H.C. Wilkens	"	Mar. 27, 1963	5	10	35	22	"	D	Brown sandstone 35;white sandstone 81. Water at 72.
Con III	H.C. Wilkens	"	Dec. 18, 1963	5	10	35	20	"	D	Brown loam 1;grey sandstone 30;brown sandstone 58. Water at 58.
Con III	M. Heenstra	"	May 8, 1964	2	6	15	7	"	D	Clay 14;grey limestone 61. Water at 60.
Con III	H. Louch	R.H. Miller	Nov. 8, 1964	2	6	15	7	"	D	Sand fill 4;limestone quartz 75. Water at 75.
Con III	H. Dack	Dutch Store Ltd.	Jul. 30, 1961	5	12	50	40	"	D	Sandy limestone 30;sandstone 72. Water at 70.
Con III	G. Moore	"	Apr. 22, 1964	5	10	20	13	"	D	Clay loam 12;limestone 90. Water at 88.
Con III	F. Haggerty	R. Kenny	Jun. 22, 1961	6	8	45	28	"	D	Brown loam 8;grey sandstone 71. Water from 60 to 69.
Con III	H. Parslow	H.J. Davis	Aug. 31, 1960	5	10	30	20	"	D	Sand 8;sand limestone 102. Water at 100.
Con III	L. Driscoll	R.H. Miller	Mar. 29, 1961	2	3	20	12	"	D	Clay 7;hard granite 89. Water at 89.
Con III	Hudson Bros.	C.V. Morrison	May 11, 1960	6	7	17	17	"	S	Black loam 5;brown clay 7;brown sandstone 60;white sandstone 69. Water at 30, 60 and 68.
Con III	Burthrae Farms	"	May 15, 1963	6	10	10	10	"	S	Topsoil 7;limestone 75. Water at 71.
Con III	C. Cass	A.E. Morrison	Dec. 14, 1963	5	10	50	38	"	D	Clay 5;hard granite 71. Water at 71.
Con III	Howe Bros.	"	Nov. 4, 1964	5	10	40	20	"	D	Light tonsol 2;sandy limestone 95. Water at 93.
Con III	J. David	Boy & Son Reg'd	Nov. 28, 1960	2	3	85	70	"	D	Sand 3;sandstone 88. Water at 86.
Con III	A. Bycroft	A.E. Morrison	May 15, 1963	5	10	50	49	"	D	Sand 12;limestone 92. Water at 90.
Con III	M. Valcour	B.B. Skull	May 24, 1960	5	10	45	45	"	D	
Con III	J. Jarvis	Boy & Son Reg'd	Nov. 21, 1960	6	15	37	37	"	S	
Con III	J. Hudson	C.V. Morrison	Sep. 11, 1964	6	15	15	14	"	S	
Con III	B. Bagley	H.J. Davis	Jun. 8, 1962	5	10	40	30	"	D	
Con III	E. Flood	"	Aug. 17, 1962	5	10	20	18	"	D	

## LEEDS COUNTY - cont.

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1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LEEDS COUNTY - cont.										
Elizabeth Ave Wp. cont.										
Con IV lot 21	J. Norris	Dutch Store Ltd.	May 18, 1962	6	10	70	60	Fresh	D	Limestone 85. Water at 83.
Con IV " 22	M. Gilroy	R.H. Miller	Oct. 18, 1960	2	5	45	33	"	D	Sandy soil 12; clay 20; sandy limestone 96. Water at 96.
Con IV " 22	M. Gilroy	C.V. Morrison	May 13, 1961	4	5	22	14	"	D	Water from 40 to 75. Sandy limestone 55; grey sandstone 95.
Con IV " 22	M. Gilroy	R.H. Miller	Aug. 4, 1964	2	8	45	32	"	D	Sandy loam 2; hard grey limestone 120. Water from 115 to 120.
Con IV " 23	C. Perkins	R.H. Miller	May 2, 1961	5	10	25	15	"	D	Clay 8; grey limestone 76. Water at 74.
Con IV " 24	E. Davidson	R.H. Miller	Jul. 30, 1964	5	10	25	18	"	D	Clay 26; sandstone 74. Water at 72.
Con IV " 24	E. Davidson	R.H. Miller	Nov. 23, 1964	5	10	30	25	"	D	Mixed sand clay 12; sandstone 73. Water at 70.
Con IV " 27	E. Green	R.H. Miller	Nov. 14, 1961	2	12	20	15	"	D	Sandy loam 3; hard limestone 61. Water at 61.
Con IV " 28	S.R. Hanna	C. Goodberry Well Drilling Ltd.	Aug. 27, 1963	6	15	45	28	"	D, S	Topsoil 1; clay 7; sandstone 65. Water at 45 and 60.
Con IV " 28	E. Hanna	"	Sep. 2, 1963	6	10	25	21	"	D, S	Sandstone 40. Water at 35.
Con IV " 37	C. Gosselt	H.J. Davis	Apr. 12, 1960	5	10	20	20	"	D	Clay 20; limestone 84. Water at 82.
Con IV " 37	L. Kealey	"	Jul. 15, 1960	4	10	20	20	"	D	Clay 18; limestone 80. Water at 78.
Con IV West	G. Darling	"	Apr. 20, 1960	5	10	18	18	"	D	Clay 10; limestone 60. Water at 58.
Con V lot 6	B. Gray	"	May 31, 1962	5	10	30	15	"	D	Sand 11; limestone 74. Water at 72.
Con V " 7	E. Kendrick	"	Oct. 11, 1960	4	10	30	20	"	D	Sand 8; sandstone 80. Water at 77.
Con V " 10	E. F. Smith	C.V. Morrison	Mar. 19, 1961	4	6	19	15	"	D, S	Sandy soil 15; grey limestone 83. Water at 80.
Con V " 14	G. Glazier	R.H. Miller	Feb. 23, 1961	2	8	63	38	"	D, S	Old dug well 21; grey limestone 150. Water at 149.
Con V " 20	R. Smith	"	Aug. 11, 1961	2	7	52	40	"	D	Grey clay 2; grey shale 65; hard grey limestone quartz 129. Water at 129.
Con V " 22	J. Simpson	"	Jul. 5, 1962	2	8	40	32	"	D	Old well 71; quartz 92; shale 108. Water at 108.
Con V " 23	O. Cole	H.J. Davis	May 22, 1963	5	10	45	30	"	D	Sand 2; limestone 89. Water at 87.
Con V " 24	C. Scott	B.R. Skull	Sep. 15, 1962	5	15	20	15	"	D	Topsoil 6; gravel 20; limestone 65. Water at 65.
Con V " 25	H. Benton	R.J. Davis	Dec. 12, 1964	5	10	30	15	"	D	Sand 4; sandstone 67. Water at 64.
Con V " 26	R. Davis	"	Aug. 26, 1961	5	10	30	20	"	D, S	Sand 2; limestone 76. Water at 74.
Con V " 31	J. Deir	C.V. Morrison	Sep. 28, 1960	4	5	24	24	"	D, S	Brown loess soil 3; sandy limestone 27; sandstone 77. Water at 74.
Con VI " 8	Marshall's S. S. 12	H.J. Davis	Sep. 6, 1962	5	10	30	20	"	P	Sand 5; limestone 124. Water at 122.
Con VI " 9	D. Ferguson	"	Apr. 14, 1961	4	10	30	20	"	D	Sand 4; limestone 78. Water at 75.
Con VI " 12	H. Farmer	T. Davis	Feb. 10, 1963	5	5	25	20	"	D	Brown clay 2; brown grey limestone 70. Water at 70.
Con VI " 16	W. Rowsome	A.E. Morrison	Sep. 21, 1964	5	10	25	18	"	D, S	Brown loam 3; grey limestone 20; brown sandstone 49. Water at 25, 48 and 49.
Con VI " 17	W. McWhirter	"	Jul. 17, 1963	5	20	30	20	"	D	Brown loam 9; grey limestone 30; black slate stone 60. Water at 52 and 60.
Con VII " 20	R. Fairbairn	R.J. Davis	Aug. 26, 1960	4	10	10	10	"	D, S	Sand 3; grey limestone 82. Water at 80.
Con VII " 21	Elizabethtown School	"	Oct. 8, 1964	6	10	50	40	"	P	Sand 4; mixed limestone sandstone 132. Water at 130.
Con VII " 27	E. Davies	"	May 15, 1963	5	10	33	22	"	D, S	Sand 2; limestone 88. Water at 86.
Con VII " 28	R. Jaco	R.H. Miller	Nov. 8, 1960	2	6	30	22	"	D	Sandy loam large rock fill 4; grey shale 54. Water at 54.
Con VII " 28	B. Scott	G. Morrison	Dec. 10, 1961	5	5	15	12	"	D	Light soil 2; grey limestone 45. Water at 43.
Con VII " 28	J. Sheffield	"	Dec. 21, 1961	5	5	15	12	"	D	Light soil 2; grey limestone 45. Water at 44.
Con VII " 30	F. Hall	R.J. Davis	Jun. 18, 1963	5	10	30	20	"	D	Sand 3; limestone 73. Water at 71.
Con VII " 17	H. Astleford	B.R. Skull	Aug. 30, 1962	5	20	18	15	"	D, S	Limestone 60. Water at 60.
Con VII " 18	United Counties	R.J. Davis	Jun. 17, 1963	5	10	25	15	"	D, S	Sand 2; limestone 56. Water at 54.
Con VII " 25	A. VanAsseldonk	"	Oct. 16, 1964	5	10	60	35	"	D, S	Clay sand 10; mixed limestone sandstone 101. Water at 100.

## LEEDS COUNTY - cont.

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1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LEEDS COUNTY - cont. Front of Escott Twp. lot 1	J. Wilson	C.Goodberry Well Drilling Ltd.	Nov. 2, 1962	6	8	65	17	Fresh	D	Clay 3 1/2 blue black granite 20; grey red black green granite 52 Water at 25 and 85.
"	C. Harbos	R.H. Miller	May 2, 1963	2	4	35	27	"	D	Red granite 157. Water at 157.
"	K. Coleman	C.V. Morrison	Jun. 10, 1963	4	5	20	13	"	D	Red granite 40; grey granite 82. Water from 40 to 82.
"	K. Kahnt	C.Goodberry Well Drilling Ltd.	Oct. 31, 1963	4	7	50	18	"	D	Previously drilled well 5; grey granite 74. Water at 72.
"	R. Morrow	W.H. Davy & Son	Jan. 22, 1960	6	30	25	4	"	D	Sand 11; red black granite 50. Water at 45.
"	G. Shure	Nov. 19, 1964	2	30	30	12	"	"	D	Dark clay 2; red black granite 48. Water at 22.
"	E. Huck	C.V. Morrison	Aug. 24, 1964	2	15	16	11	"	D	Red granite 82. Water at 82.
"	A. Huck	Mar. 16, 1961	2	20	30	8	"	"	D	Sandy loam 17; red granite 87. Water at 87.
"	D. Johnston	Aug. 6, 1963	2	20	30	14	"	"	D	Sand 4; red granite 46. Water at 35.
"	G. Haskin	Nov. 13, 1964	8	20	14	14	"	"	D	Sandy loam 1; red granite 81. Water at 77.
"	R. Hewitt	Nov. 16, 1964	8	20	39	15	"	"	S	Dug well 16; sand gravel 18; red granite 66. Water at 60.
"	I. Massey	C.Goodberry Well Drilling Ltd.	Jun. 20, 1961	6	22	35	5	"	D	Sand 1; grey granite 61. Water at 30 and 50.
"	Harcor	C.V. Morrison	Sep. 5, 1962	4	20	55	46	"	D	Clay 80; gravel 112. Water at 112.
"	Investments Ltd.	Oct. 19, 1962	3	5	55	46	"	"	D	Blue clay 31; red granite 117. Water at 116.
"	J. Pavlus	R.H. Miller	Mar. 13, 1961	2	3	13	12	"	D	Grey clay 95; red granite 300. Water at 300.
"	E. Quinn	W.H. Davy & Son	Jul. 8, 1963	2	12	15	3	"	D	Red sand 5; red granite 54. Water at 34.
"	G. Dillbourne	R. Kenny	Sep. 3, 1964	6	5	60	8	"	D	Sand clay 21; granite 60. Water at 48.
"	J. Patten	R.H. Miller	Jul. 24, 1960	6	8	30	20	"	D	Sand 68; red granite 73. Water at 72.
"	B. McKale	Oct. 22, 1961	2	5	18	5	"	"	D	Sandy loam 2; red granite 70. Water at 70.
"	W. Donk	Oct. 26, 1961	2	12	18	10	"	"	D	Sand 13; gravel 16; red granite 81. Water at 81.
"	R. Anderson	May 14, 1963	2	6	21	8	"	"	D	Grey granite 80. Water at 80.
"	R.C. Swerd- ferger	Jun. 23, 1964	2	6	21	17	"	"	D	Red granite 81. Water at 80.
"	E. Haws	McLean Water Supply Ltd.	Aug. 3, 1962	6	200	55	32	"	D	Loam 2; red granite 65. Water at 60.
"	G. MacDonald	R.H. Miller	Apr. 28, 1961	2	4	30	20	"	D	Red granite 170. Water at 170.
"	G.H. Godsall	May 29, 1962	2	8	18	11	"	"	D	Old well 45; red granite 155. Water at 152.
"	W.F. Warner	Apr. 22, 1963	2	1	150	16	"	"	D	Granite 151. Water at 130.
"	H. Dekroon	C.Goodberry Well Drilling Ltd.	Nov. 12, 1961	5	20	50	40	"	D	Red granite 20; yellow granite 76. Water at 74.
"	K. Webster	Dutch Store Ltd.	Oct. 19, 1960	6	20	22	16	"	D	Clay 21; red granite 44. Water at 32.
"	Escott Area School	W.H. Davy & Son	Feb. 5, 1964	6	40	35	22	"	P	Clay 30; red granite 99. Water at 85.
"	M. Hunt	R.H. Miller	Oct. 16, 1964	2	5	10	"	"	D	Brown clay 30; grey granite 91. Water at 91.
"	A. Ferguson	C.V. Morrison	Sep. 16, 1962	5	5	60	50	"	D, S	Topsoil stone 17; grey granite 125. Water from 100 to 125.
"	M. Hutchison	C.Goodberry Well Drilling Ltd.	Jun. 2, 1961	5	6	60	20	"	D, S	Clay 14; red granite 76. Water at 70.
"	E. Birchen	B.H. Skull	Jun. 22, 1960	5	15	23	12	"	D, S	Topsoil 6; grey granite 94. Water at 70 and 90.
"	K. Thompson	R.H. Miller	Oct. 19, 1964	2	4	18	10	"	D, S	Old well 10; red granite 41. Water at 41.
"	H. Warren	Oct. 31, 1960	2	20	6	1	"	"	D, S	Clay loam 10; medium hard red granite 106. Water at 106.
"	Ont. Dept. Nor- thern Affairs	F.E. Johnston Drilling Co. Ltd.	Oct. 16, 1962	5	5	36	28	"	P	Layers red brown grey granite 100. Water at 82 and 94.
Grenadier Island	P. Poole	R.H. Miller	Oct. 20, 1961	2	3	55	43	"	D, S	Gravel boulders 70; red granite 314. Water at 314.
Grenadier Island	P. Bird	W.H. Davy & Son	Oct. 24, 1961	2	2	28	10	"	D	Red granite 105. Water at 105.
Iar Island	C.E. Wilbert		Sep. 4, 1964	6	10	100	26	"	D	Fine sand 19; red black granite 131. Water at 128.



LEEDS COUNTY - cont.

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# APPENDIX C — RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LEES COUNTY - cont.										
Front of Lansdowne con										
Con II	S. McDonald	W.H. Davy & Son	Aug. 21, 1964	6	20	10	2	Fresh	D	Clay sand 12; red granite 39. Water at 34.
lot 17	R. Heaslip	"	Oct. 9, 1964	6	10	66	28	"	D	Clay sand 38; granite 66. Water at 60.
Con II	I. S. Aig'ire	"	Nov. 20, 1964	6	20	30	25	"	D	Sand gravel 25; red granite 65. Water at 60.
Con II	A. Bennett	"	Jan. 10, 1961	6	20	35	22	"	D	Clay 19; red granite 55. Water at 50.
Con II	C. Avery	"	May 10, 1961	6	20	25	15	"	D	Clay gravel 20; red granite 54. Water at 48.
Con II	F. Aldridge	R. Kenny	Mar. 9, 1963	6	6	22	10	"	D	Brown loam 5; brown sand 12; red granite 59. Water at 59.
Con II	P. Price	W.H. Davy & son	Aug. 28, 1963	6	20	40	35	"	D	Sand clay 19; red granite 52. Water at 45.
Con II	N. S. Green	C. Goodberry Well Drilling Ltd.	Sep. 19, 1964	6	20	30	20	"	D	Cement & rock fill 3; clay 10; sand 26; granite 50. Water at 45 and 47.
Con III	L. Carpenter	W.H. Davy & Son	Feb. 24, 1961	6	10	33	20	"	D	Clay 12; red granite 46. Water at 36.
Con III	H. Modler	R. Kenny	Mar. 25, 1963	6	6	50	15	"	D, S	Red sand 24; red granite 69. Water at 67.
Con III	L. Steacy	W.H. Davy & Son	Jun. 27, 1961	6	10	23	12	"	D	Clay shale 11; red granite 43. Water at 35.
Con III	J. Williams	"	Dec. 7, 1961	6	20	55	14	"	D	Clay 12; grey granite 70. Water at 65.
Con III	K. Landon	"	Oct. 31, 1962	6	25	22	15	"	D	Clay 14; sandstone 31; granite 45. Water at 40.
Con III	C. Moore	"	Dec. 13, 1960	6	20	22	16	"	D, S	Clay 14; sandstone 31; granite 45. Water at 40.
Con III	A. Heaslip	J. Knox	May 29, 1961	6	10	28	25	"	D	Topsoil 4; sandstone 43. Water at 32.
Con III	Lansdowne	W.H. Davy & Son	Mar. 8, 1962	6	45	40	40	"	P	Clay 5; sandstone 57; granite 120. Water at 67.
Con III	Public School	"	Jun. 23, 1960	6	20	22	44	"	D, S	Clay 5; sandstone 64. Water at 46.
Con III	J.H. Donegan	"	Aug. 10, 1960	6	20	25	35	"	D	Clay 4; sandstone 65. Water at 55.
Con III	W. McDonald	C. Goodberry Well Drilling Ltd.	Oct. 9, 1961	6	10	58	45	"	D	Previously drilled well 46; sandstone 73. Water at 70.
Con III	C. Everetts	"	Oct. 9, 1961	6	10	58	45	"	D	Previously drilled well 46; sandstone 73. Water at 70.
Con III	B. Burns	W.H. Davy & Son	Nov. 28, 1961	6	20	60	55	"	D	Clay 6; sandstone 75. Water at 63.
Con III	W.C. Webster	C. Goodberry Well Drilling Ltd.	Oct. 16, 1962	6	20	42	42	"	D	Topsoil 1; clay 4; white sandstone 60; red granite 66. Water at 61 and 64.
Con III	J. Funnell	W.H. Davy & Son	Aug. 26, 1964	6	10	40	35	"	D	Clay 4; sandstone 70. Water at 60.
Con III	H. Crawford	"	Sep. 8, 1964	6	10	50	45	"	D	Clay 4; sandstone 66. Water at 60.
Con III	Montgomery	J. Knox	Oct. 27, 1964	6	8	74	47	"	D	Topsoil 3; sandstone 60; red granite 88. Water from 56 to 84.
Con III	W.H. Davy & Son	"	Jun. 12, 1961	6	20	42	40	"	D	Clay shale 10; sandstone 50; red granite 64. Water at 58.
Con III	J.W. Lackie	"	Jun. 16, 1961	6	20	45	42	"	D	Clay shale 18; sandstone 53; red granite 63. Water at 55.
Con III	L.G. McDonald	"	Jan. 11, 1962	6	20	48	45	"	D	Clay 4; sandstone 50; red granite 68. Water at 65.
Con III	L.R. Eagley	"	Aug. 9, 1963	6	10	45	40	"	D	Clay 4; sandstone 48; red granite 68. Water at 65.
Con III	G. Warren	R. Kenny	Dec. 13, 1963	6	6	25	12	"	D	Grey clay 4; grey sandstone 22; grey granite 70. Water at 70.
Con III	W. Armstrong	W.H. Davy & Son	Aug. 30, 1961	6	3	67	18	"	D	Old clay 15; clay 19; grey granite 67. Water at 60.
Con III	Mitchellville	"	Aug. 31, 1960	6	2	50	18	"	P	Clay 2; granite 50. Water at 30.
Con III	S.S. ?	"	"	"	"	"	"	"	"	"
Con III	M. Thompson	R.H. Miller	Dec. 10, 1963	2	12	15	2	"	D	Sandy loam 2; red granite 97. Water at 97.
Con IV	A.N. Ferguson	W.H. Davy & Son	Mar. 3, 1960	6	20	80	15	"	D	Clay 8; grey granite 80. Water at 70.
Con IV	H. McCormick	R. Kenny	Aug. 12, 1961	6	10	30	15	"	S	Grey clay 12; grey limestone 37. Water at 35.
Con IV	A. McCormick	W.H. Davy & Son	Oct. 7, 1961	6	15	25	15	"	S	Clay 14; sandstone 39. Water at 28.
Con IV	"	"	Oct. 7, 1961	6	20	15	11	"	S	Clay 3; sandstone 33. Water at 30.
Con IV	M.W. VanDer- kerkhof	"	Sep. 24, 1964	6	20	25	18	"	D	Clay 17; granite 65. Water at 55.
Con IV	L. Soler	"	Nov. 30, 1964	6	8	136	22	"	D	Clay gravel 32; grey granite 136. Water at 128.
Con IV	S. Dekroon	"	Dec. 7, 1964	6	10	56	35	"	S	Sandstone 65; grey red granite 77. Water at 62.
Con V	W. Pooley	C. Goodberry Well Drilling Ltd.	Sep. 27, 1960	6	25	30	25	"	D, S	Topsoil 1; sand 4; white limestone 60. Water at 40 and 55.
Con V	H. Heaslip	R.H. Miller	Oct. 12, 1962	2	3	15	8	"	D, S	Sand loam 3; red granite 148. Water at 148.

LEEDS COUNTY - cont.

Front of Lansdowne - cont		T. Davis		Fresh		D		Previously drilled 43; deep brown limestone 68. Water at 66.	
Con V	lot 13	R. Robinson	W.H. Davy & Son	5	14	12			
Con V	" 22	L. Warren	W.H. Davy & Son	6	20	18	"		Clay 2; red granite 69. Water at 65.
Con V	" 24	F. McCrady	R.H. Miller	6	20	55	"		Clay 3; sandstone 65; red granite 94. Water at 65.
Con VI	" 12	F. McCrady	R.H. Miller	2	8	4	"		Hardpan 4; red granite 88. Water at 88.
Con VI	" 14	C. Cross	W.H. Davy & Son	2	20	14	"		Clay 4; granite 59. Water at 54.
Con VI	" 14	C. Markley	"	6	20	22	"		Clay 16; granite 65. Water at 58.
Con VI	" 14	V. Adams	"	6	10	50	"		Clay 8; grey granite 35. Water at 30.
Con VI	" 21	C.E. Burns	J. Knox	6	10	24	"		Topsoil 4; red black granite 67. Water at 60.
Constance Island		Dept. Northern Affairs	F.E. Johnston	5	7	52	"		Red brown grey granite 100. Water at 67 and 84.
Constance Island				5	38	14	"		Red granite 167. Water at 167.
Georgia Island			R.H. Miller	4	10	20	"		Shale 9; red granite 107. Water at 98.
Island front of Con I			W.H. Davy & Son	6	25	89	"		Pink granite 303. Water at 70.
Hill Island	lot 15	W.H. Grant	R.H. Casselman	6	10	95	"		
Front of Con I	" 22	Interprovincial Resort	"	6	21	25	"		Clay sand gravel 8; rock layers 16; red granite 49; red granite 100. Water at 65.
Front of Con I	" 22	Facilities Ltd. Savirin Investments	"	6	10	75	"		Clay sand gravel boulders 9; sandstone 34; red granite 183. Water at 173.
Hill Island	" 22	Torin Constr. Ltd.	"	7	3	22	"		Mack boulders fill 6; clay boulders 15; clay cemented 25; gravel 28; granite 200. Water from 25 to 28.
Hill Island		Thousand Island Bridge Authority	W.H. Davy & Son	6	60	4	"		Shale 6; red granite 102. Water at 80.
Front of Leeds Twp.		Dept. N. Affairs & Nat. Resources	R.H. Miller	4	32	26	Fresh		Red granite 116. Water at 116.
Camelot Island		"	"	4	4	40	"		Red granite 158. Water at 158.
Endeavour Island		"	"	4	3	25	"		Red granite 92. Water at 92.
Mermaid Island		"	"	4	16	18	"		Red granite 117. Water at 117.
Con I	lot A	R. Garrah	C. Goodberry Well Drilling Co.	6	33	15	"		Clay 1; red granite 43. Water from 36 to 40.
Con I	" A	R. Abrams	W.H. Davy & Son	6	30	14	"		Clay 4; black grey granite 37. Water at 23 and 27.
Con I	" 1	S.D. Leakey	"	6	5	140	"		Clay 54; grey red granite 140. Water at 90.
Con I	" 4	E.H. Clark	"	6	20	11	"		Clay 20; granite 39. Water at 26.
Con I	" 4	K.E. Matheson	"	6	10	20	"		Clay 17; granite 67. Water at 60.
Con I	" 5	C. Garrah	C. Goodberry Well Drilling Ltd.	6	10	48	"		Topsoil 1; clay 5; sand boulders 22; gravel 38; grey sandstone 68. Water at 62 and 65.
Con I	" 5	E. Slimes	C.W. Jones	6	5	40	"		Clay 24; granite 88. Water at 85.
Con I	" 6	K. Clerk	"	6	10	20	"		Clay 20; gravel 27; granite 82. Water at 79.
Con I	" 7	R. Kenny	"	6	15	15	"		Red sand 5; red granite 93. Water at 70.
Con I	" 11	W.C. Treacy	W.H. Davy & Son	6	10	60	"		Clay 4; sand gravel 94. Water at 94.
Con I	" 11	K. Paddock	"	6	2	113	"		Sand clay 18; grey granite 113. Water at 110.
Con I	" 11	Cananogue Cemetery	C.W. Jones	6	5	10	"		Sand 6; granite 39. Water at 36.

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LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LEADS COUNTY - cont.										
Front of Leeds Twp. cond.										
Con I	E. Boyle	C.W. Jones	Sep. 10, 1963	6	10	15	15	Fresh	D, S	Sandy topsoil 10; gravel 41; granite rock 46. Water at 45.
lot 11	R. Griff	R. Kenny	Sep. 10, 1960	6	7	25	15	"	D	Clay 3; granite 53. Water at 50.
Con I	R. Griff	W.H. Davy & Son	Aug. 9, 1960	6	30	22	18	"	D	Clay 2; granite 53. Water at 48.
Con I	R.J. Harter	"	Oct. 8, 1962	6	20	27	27	"	D	Clay sand 27; sandstone 55. Water at 50.
Con I	J.E. Belanger	C.W. Jones	Jul. 26, 1963	6	10	3	3	"	D	Blue clay 57; clay-silted sandstone 41. Water at 40.
Con I	J. Trusdell	"	Aug. 30, 1963	6	10	10	10	"	D	Clay 15; gravel 18; granite 48. Water at 38.
Con I	B. Rutkewicz	W.H. Davy & Son	Sep. 13, 1960	6	20	70	20	"	S	Clay 48; white granite 89. Water at 75.
Con I	A. J. McAnley	"	Oct. 25, 1960	6	20	20	12	"	D	Clay 18; white granite 85. Water at 45.
Con I	"	"	Sep. 18, 1962	6	20	27	15	"	D	Clay 25; white rock 45. Water from 35 to 40.
Con I	"	C. Goodberry Well Drilling Ltd.	Jul. 7, 1961	6	4	45	40	"	D	Clay shale 14; sandstone 40; red granite 55. Water at 50.
Con I	C. Murkley	W.H. Davy & Son	Nov. 14, 1961	6	4	80	43	"	D	Sand 1; broken rock 3; grey granite 94. Water at 90.
Con I	C. McKinnon	C. Goodberry Well Drilling Ltd.	Aug. 16, 1962	6	15	30	15	"	D	Topsoil 1; clay 39; sand 47; gravel 52; sand 55; gravel 63. Water from 60 to 63.
Con I	W. Moffat	"	Aug. 15, 1963	6	10	23	23	"	D	Sand 4; granite 55. Water at 32.
Con I	D. Kane	C.W. Jones	Aug. 15, 1963	6	10	23	23	"	D	Sandy topsoil 3; red granite 46. Water at 65.
Con I	J. Donnelly	"	Nov. 21, 1963	6	10	20	20	"	D	Sandy topsoil 7; granite 46. Water at 43.
Con I	C. Hamilton	C. Goodberry Well Drilling Ltd.	May 23, 1961	6	15	25	8	"	D	Brown clay 10; red granite 52. Water at 45.
Con I	E. Boucher	"	Mar. 18, 1963	6	30	21	12	"	D, S	Clay 3; red granite 71. Water at 68.
Con I	S. Humphries	W.H. Davy & Son	Aug. 21, 1963	6	10	50	12	"	D	Clay 2; red granite 50. Water at 40.
Con II	L. Clarke	"	Aug. 22, 1961	6	20	35	30	"	D	Sand clay 6; grey granite 53. Water at 45.
Con II	C.E. Andrews	"	Aug. 24, 1961	6	20	25	22	"	D	Sand shale 17; grey granite 50. Water at 41.
Con II	"	"	Oct. 27, 1964	6	5	10	10	"	D	Clay 15; gravel 59. Water at 29.
Con II	H. Jones	C.W. Jones	Nov. 30, 1960	6	15	62	20	"	S	Clay sand 22; red granite 62. Water at 58.
Con II	J. O'Hearn	W.H. Davy & Son	Mar. 29, 1960	6	34	29	29	"	D	Loam 5; sandstone 59. Water at 34.
Con II	R. Mullen	"	Oct. 6, 1960	6	20	35	22	"	D	Clay 5; sandstone 52. Water at 45.
Con II	D.L. MacPherson	"	Jun. 6, 1961	6	20	30	23	"	D	Clay 10; white sandstone 57. Water at 33.
Con II	H. Wheeler	"	Feb. 30, 1961	6	20	20	25	"	D	Clay 1; sandstone 50. Water at 45.
Con II	H.F. Powers	"	Jul. 24, 1963	6	10	15	12	"	D	Sandy loam 1; shale rock 3; limestone 30; granite 54. Water at 51.
Con II	S. Spies	C.W. Jones	Aug. 20, 1964	6	5	20	20	"	D	Clay 3; grey limestone 53. Water at 50.
Con II	R. Richardson	"	Dec. 31, 1964	6	10	61	5	"	D	Shale 10; red granite 61. Water at 58.
Con II	L. Carpenter	W.H. Davy & Son	Dec. 19, 1964	6	20	41	9	"	D	Shale 5; red granite 54. Water at 51.
Con II	H. Laflair	"	Jun. 25, 1964	2	6	35	22	"	D	Brown clay boulders 13; soft white quartz 40; medium hard pink quartz 80. Water at 80.
Con II	C. Bovey	R.H. Miller	May 18, 1960	6 1/2	25	25	4	"	P	Topsoil 2; clay 28; sandstone 51. Water at 46.
Con II	C.N.B.	C. Goodberry Well Drilling Ltd.	Jul. 12, 1962	6	30	18	10	"	D, S	clay 7; sandstone 17; red granite 60. Water at 40.
Con II	B. Galway	W.H. Davy & Son	Jul. 23, 1962	6	30	20	18	"	D	Fill clay 8; grey granite 111; red granite 120. Water at 115.
Con II	I. Berry	"	Jan. 17, 1964	6	5	10	10	"	D	Clay 5; granite 36. Water at 33.
Con II	K. Hilton	W.H. Davy & Son	Jul. 26, 1962	6	30	25	14	"	D	Clay 8; grey granite 57. Water at 47.
Con II	C.E. Haired	"	Jan. 31, 1961	6	30	25	14	"	D	Dug well 19; red granite 39. Water at 35.
Con III	A. Hunter	C.W. Jones	Sep. 2, 1964	6	5	10	10	"	D	Clay 10; granite 35. Water at 32.
Con III	D.O. Hearn	"	Jan. 2, 1961	6	20	35	12	"	D, S	Clay 10; red granite 43. Water at 38.
Con III	S. Bell	W.H. Davy & Son	Dec. 15, 1960	6	20	20	23	"	D	Clay shale 11; sandstone 67. Water at 64.
Con III	D. McDonald	"	May 31, 1961	6	20	30	2	"	D	Clay shale 22; red granite 50. Water at 45.
Con III	W.J. Wilson	"		6	20	30	2	"	D	

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# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LEEDS COUNTY - cont.										
Front of Longe Exp. cont.										
Con I	Davis	G. Morrison	Jun. 15, 1961	4	5	15	12	Fresh	D	Clay loam 10; grey granite 56. Water at 54.
Con I	H. Heide	"	Aug. 18, 1961	4	5	24	20	"	D	Topsoil 8; red granite 88. Water at 86.
Con I	G. Mallory	"	Oct. 28, 1961	4	5	15	16	"	D	Heavy clay 16; grey granite 71. Water at 70.
Con I	T. Wozniak	"	Nov. 10, 1961	5	5	18	17	"	D	Deepened from 18 grey granite 67. Water at 65.
Con I	M. Brylowski	R.H. Miller	Dec. 11, 1961	5	12	22	18	"	D,S	Old well 17; grey granite 78. Water at 72.
Con I	City of Canada	R.H. Miller	May 23, 1962	5	12	36	16	"	C	Clay loam 7; clay sand gravel 22; broken rock 30; sandstone 67; granite 104. Water at 95.
Con I	G.W. Mallory	A.H. Miller	Jan. 8, 1963	2	8	10	12	"	D	Hardpan boulders 15; red granite 80. Water at 80.
Con I	H. Alexander	"	Feb. 12, 1963	2	10	15	14	"	D	Brown clay 30; red granite 135. Water at 135.
Con I	O. Buell	"	Mar. 28, 1960	2	20	15	12	"	D	Fine gravel 13; red granite 106. Water at 106.
Con I	H. O'Leary	"	May 3, 1961	2	20	42	35	"	D	Grey clay 6; red granite 92. Water at 92.
Con II	E. Plouffe	T. Davis	Dec. 7, 1960	5	5	42	32	"	D,S	Grey limestone 84. Water at 80.
Con II	B. Plouffe	G.V. Morrison	Nov. 26, 1960	5	8	6	12	"	D	Topsoil stones 18; grey granite 52. Water at 50.
Con II	S. Gauthier	R.H. Miller	Oct. 5, 1966	5	6	71	13	"	D	Sandy loam 2; red granite 72. Water at 72.
Con II	L. Gauthier	B.H. Skull	Sep. 1, 1966	5	7	13	10	"	D	Sand 50; gravel 72; grey granite 103. Water at 100.
Con II	L. Gauthier	T. Davis	Dec. 7, 1960	5	5	13	10	"	D,S	Grey limestone 47. Water at 45.
Con II	L. Stehns	"	Jan. 17, 1961	5	5	13	10	"	D,S	Topsoil 4; grey limestone 49. Water at 45.
Con II	C. Deek	"	Jan. 18, 1961	5	5	23	25	"	D,S	Topsoil 3; grey limestone 49. Water at 49.
Con II	L. Gibson	H.J. Davis	Jul. 7, 1961	5	10	18	12	"	D	Sand 3; grey limestone 10; white sandstone 30; red granite 70. Water at 68.
Con III	D. Kenster	G. Morrison	Jun. 6, 1961	5	5	12	10	"	D,S	Light sandy loam 7; sandy limestone 64. Water at 62.
Con III	P. Williams	"	Sep. 20, 1961	5	15	15	15	"	D,S	Topsoil 4; brown limestone 70. Water at 68.
Con III	V. Vanous	C.V. Morrison	Mar. 17, 1962	5	7	11	15	"	D,S	Dark sandy clay 4; brown sandy clay pebbles stones 12; white sandstone 48; red granite 113. Water at 12. 58, 85 and 110.
Con IV	J. Dunsiger	T. Davis	Dec. 28, 1960	5	5	17	17	"	D,S	Topsoil 4; grey limestone 52. Water at 50.
Con IV	M. Egley	A.J. Davis	Oct. 2, 1962	5	10	24	14	"	D	Sand 1; sandstone 69. Water at 67.
Con IV	H. Hicks	"	Jan. 2, 1962	5	10	24	15	"	D	Sand 1; sandstone 94. Water at 92.
Con IV	C.A. Chasiton	C.V. Morrison	Jan. 2, 1962	5	15	30	20	"	D,S	Topsoil stones 12; sandstone 104. Water at 100.
Con IV	S. Leederty	B.H. Skull	Jan. 2, 1962	5	15	30	26	"	D,S	Topsoil 3; limestone 93. Water at 65 and 92.
Con IV	R. Moriarty	C.V. Morrison	Apr. 23, 1963	5	22	31	25	"	D,S	Topsoil 3; limestone 94. Water at 92.
Con V	M. Darling	T. Davis	Jul. 20, 1960	5	23	22	18	"	D	Clay 3; grey limestone 52. Water at 50.
Con V	E. Henry	C.W. Jones	Jul. 23, 1960	5	23	30	20	"	D	Sandstone 57. Water at 54.
Con V	W. Sauve	A.E. Morrison	Aug. 22, 1963	5	10	70	20	"	D	Brown loam 7; grey sandstone 60; white sandstone 75. Water at 60 and 71.
Con V	R. Maisonneuve	R. Kenny	Aug. 1, 1960	6	10	56	56	"	D	Brown loam 11; grey sandstone 96. Water at 96.
Con V	"	"	Jun. 12, 1961	6	10	30	30	"	D	Brown loam 1; grey sandstone 93. Water at 90.
Con V	G. Maisoneal	"	Jun. 1, 1961	6	10	50	40	"	D	Brown loam 10; grey sandstone 71. Water at 70.
Con V	I. Beavals	C.V. Morrison	Jun. 2, 1962	6	10	15	7	"	D	Dark sandy soil 2; sandstone 41. Water at 39.
Con V	B. Goldstein	R.H. Miller	Jul. 17, 1961	2	13	5	14	"	D,S	Sandy loam 4; limestone 70. Water at 70.
Con V	C. Leeder	Dutch Store Ltd.	Oct. 3, 1962	2	13	5	14	"	D	Sandy loam 3; grey granite 40; red granite 75. Water at 72.
Grenadier Island	G.B. Jackson	W.H. Davy & Son	Aug. 23, 1964	2	30	24	6	"	D	Shale 11; grey granite 85. Water at 80.
Cananoque Town	J.S. Delaney	W.H. Davy & Son	Jun. 3, 1960	6	5	28	30	Fresh	P	Clay 15; sandstone 58. Water at 53.
Cananoque Town	H. McRae	"	Dec. 22, 1960	6	20	38	25	"	D	Clay 1; red granite 63. Water at 56.
Cananoque Town	S. Bennet	C. Goodberry Well Drilling Ltd.	Aug. 23, 1962	6	30	24	18	"	D	Clay 38; white limestone 73. Water at 70.
Cananoque Town	Thunderbird Motel	"	Oct. 15, 1962	6	14	47	18	"	P	Clay 5; black granite 117. Water at 112.
Cananoque Town	Rothwell & Perrin	C.W. Jones	Dec. 5, 1963	6	5	50	Flows	"	D	Clay 77; granite 97. Water at 94.
Cananoque Town	W. Shine	C. Goodberry Well Drilling Ltd.	Oct. 6, 1964	6	20	50	15	"	D	Clay 16; granite 104. Water at 100.



Kitley Twp.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
<b>LEEDS COUNTY - cont.</b>										
Kitley Twp. - cont.										
Con VI lot 22	D. McClure	C.V. Morrison	Nov.16,1962	5	5	12	12	Fresh	D	Topsoil 4; limestone 50. Water at 48.
Con VI	R. Bacon	H.J. Davis	Dec.22,1963	5	10	15	10	"	D	Mixed sand clay 6;limestone 54. Water at 52.
Con VI	E. Healey	C.V. Morrison	Jul.17,1964	5	5	10	18	"	D	Sandy loam 7;limestone 54. Water at 52.
Con VI	T.M. O'Neill	A.E. Morrison	Aug.21,1964	4	10	40	18	"	D	Brown loam 4;grey limestone 40;black slate stone 50. Water at 40 and 48.
Con VI	C. Hutchings	C.V. Morrison	Jun. 8,1962	6	10	80	36	Sulphur	D	Limestone 75;sandstone 122. Water at 38, 65 and 120.
Con VI	C. Gray	A.E. Morrison	Sep. 8,1964	5	10	40	25	Fresh	D	Black loam 5;grey limestone 30;brown sandstone 60. Water at 30, 55 and 60.
Con VII	T. Dobson	"	Jun.28,1963	5	30	40	20	"	C	Brown loam 3;grey limestone 30;black slate stone 60;grey sandstone 75;yellow sandstone 76. Water at 60 and 76.
Con VII	L. Dewolf	C.V. Morrison	Aug.12,1964	4	2 1/2	103	12	"	D	Topsoil 3;limestone 103. Water from 60 to 103 and 76.
Con VII	W. Maloney	"	Jun.12,1962	6	10	30	11	"	D	Topsoil 3;limestone 15;sandstone 50. Water at 46.
Con VII	G. Bellamy	"	Jun.15,1962	6	10	25	25	"	D	Topsoil 1;limestone 50. Water at 48.
Con VII	E. Hamilton	"	Jul.17,1962	6	10	20	20	"	D	Topsoil 2;limestone 51. Water at 48.
Con VII	G. Moran	"	Jul.18,1962	6	10	20	20	"	D	Dark sandy clay 9;limestone 86. Water at 20 and 63.
Con VII	G. Baker	"	Jul.30,1963	4	8	21	17	"	D	Topsoil 3;limestone 97. Water at 20.
Con VII	G.S. Coad	"	Sep.30,1964	4	4	80	35	"	D	Topsoil 2;limestone 52. Water at 50.
Con VII	A. McClure	"	Oct. 5,1964	4	2 1/2	40	30	"	D	Light loam 8;limestone 120. Water at 116.
Con VII	B. Leeder	"	Oct.14,1964	4	3	30	25	"	D	Grey limestone 65. Water at 62.
Con VII	J. Baker	"	Nov.16,1961	4	3	22	22	"	D,S	Topsoil 1;limestone 73;sandstone 112. Water at 35, 60 and 110.
Con VII	J. Lawson	"	Jun. 1,1962	6	6	70	25	"	D	Topsoil 2;sandy limestone 48. Water at 45.
Con VII	W. Talbot	"	Dec.16,1961	4	5	14	14	"	D	Topsoil 1;sandy limestone 99. Water from 80 to 90.
Con VII	K. Davis	"	May 13,1960	4	5	20	18	"	D	Sandy topsoil 8;grey limestone 146. Water at 140.
Con VII	C. Ryan	"	Feb.27,1961	5	5	60	15	"	D,S	Previously drilled 26;sandstone 106. Water from 100 to 106.
Con VII	A. Ferguson	"	Feb.12,1960	4	4 1/2	70	15	"	D	Fill 6;limestone 93. Water at 90.
Con VIII	A. Mercier	"	Feb.25,1960	4	5	15	15	"	D	Topsoil 12;limestone 140. Water at 135.
Con VIII	J. Rae	"	Jun.11,1960	4	1 1/2	19	16	"	D	Previously drilled 97;grey limestone 157. Water at 150.
Con VIII	Frankville	"	Feb.24,1961	6	1 1/2	30	30	"	P	Topsoil 1;grey limestone 126. Water at 120.
Con VIII	Pine Hall	"	Jun.21,1961	4	5	25	10	"	D	Topsoil 3;grey limestone 80. Water from 74 to 80.
Con VIII	J.W. Rae	"	Oct. 9,1961	5	14	25	20	"	D	Stones sandy clay 4;limestone 6;sandy limestone 128.
Con VIII	D. Davis	"	Aug.21,1963	4	7	70	20	"	D	Water at 35, 40 and 124.
Con VIII	B. Goodbody	"	"	"	"	"	"	"	"	Topsoil 1;grey limestone 55. Water from 50 to 55.
Con VIII	W. Berney	"	Sep. 9,1961	4	5	12	12	"	D	Topsoil 3;limestone 40;sandy limestone 136. Water from 120 to 136.
Con VIII	A. Giffin	"	Apr.25,1962	5	7	12	12	"	D,S	Light topsoil 2;limestone 110. Water at 108.
Con VIII	Highways	"	Aug.29,1963	6	10	12	10	"	P	Black loam 8;grey limestone 70. Water from 50 to 70.
Con VIII	W. Freeman	A.E. Morrison	Nov.23,1964	5	10	40	20	"	D,S	Sand loam 1 1/2;light grey limestone 86. Water at 80.
Con VIII	C. Leader	F.J. McCarthy	May 30,1962	6	2	86	20	"	D,S	Stony fill 5;limestone 102. Water at 100.
Con IX	G. Mercier	C.V. Morrison	Nov. 2,1964	3	32	28	30	"	D,S	Brown topsoil 5;limestone 80. Water at 75.
Con IX	C. Street	"	Sep.24,1960	4	5	34	30	"	D	Brown loam 2;grey limestone 30;blue limestone 50. Water at 30 and 50.
Con IX	W. Ireland	A.E. Morrison	Sep.29,1962	5	10	40	7	"	D	Topsoil 8;grey limestone 136. Water at 130.
Con IX	Frankville Public School	C.V. Morrison	Jan.27,1961	5	7 1/2	30	30	"	P	

LEEDS COUNTY - cont.  
Kitley Twp. - cont.

Kitley Twp. - cont.	lot 21	N. Brundage	C.V. Morrison	Apr. 1, 1961	5	4	50	35	Fresh	D	Previously drilled 38; grey limestone 129. Water at 125. Topsoil 4; grey limestone 80. Water at 50 and 80. Topsoil 4; grey limestone 80. Water from 60 to 80. Light topsoil 4; limestone 94. Water at 92. Light loam 8; grey limestone 94. Water at 92. Light topsoil 3; limestone 152. Water at 150. Previously drilled 58; limestone 122. Water at 120. Topsoil 4; grey limestone 86. Water at 85. Light loam 2; grey limestone 90; grey sandstone 142. Water at 140. Topsoil 1; grey limestone 104. Water at 104. Brown loam 4; brown limestone 12; brown sandstone 40; white sandstone 52. Water at 30 and 50. Topsoil 5; white limestone 40; brown sandstone 72. Water at 28 and 69. Brown loam 5; grey limestone 30; blue limestone 50. Water at 30 and 50. Clay loam 5; limestone 60. Water at 58. Previously drilled 40; white limestone 70; white sandy limestone 101. Water at 40, 58 and 98. Previously drilled 83; limestone 115. Water at 114. Grey limestone 71. Water at 71.
Con IX	"	G. Smith	"	Jun. 6, 1961	4	5	25	15	"	D	
Con IX	"	E. Sands	"	Jun. 15, 1961	4	5	25	10	"	D	
Con IX	"	A. Holmes	"	Oct. 2, 1963	4	5	28	25	"	D	
Con IX	"	M. Polyes	"	Dec. 17, 1964	4	5	25	20	"	D	
Con IX	"	A. Giffin	"	Sep. 28, 1964	4	5	25	20	"	D, S	
Con IX	"	H. Eaton	"	Aug. 12, 1963	6	5	22	22	"	D, S	
Con IX	"	A. Foxeplus	"	Jul. 16, 1961	4	5	22	22	"	D, S	
Con IX	"	G. Crumley	G. Morrison	Jul. 22, 1961	5	5	35	30	"	D, S	
Con X	"	C. Jelly	B.R. Skull	Jul. 12, 1961	4	18	12	12	Sulphur	D	
Con X	"	E. Needow	A.E. Morrison	Apr. 26, 1963	5	10	26	12	Fresh	D, S	
Con X	"	E. MacAllan	C.V. Morrison	Jul. 4, 1962	6	10	30	20	"	D	
Con X	"	M.S. Davidson	A.E. Morrison	Oct. 9, 1962	5	10	40	30	"	D	
Con X	"	V. Johnston	C.V. Morrison	Aug. 17, 1963	4	5	17	15	"	D	
Con X	"	R. Eaton	"	Dec. 16, 1961	4	10	40	14	"	D	
Con X	"	J. Wood	T. Davis	Oct. 31, 1962	4	5	24	20	"	D, S	
Con XI	"	M. Scott	B. Skull	Feb. 16, 1961	5	18	30	30	"	S	
Newboro village											
Newboro Vlg.	"	M. Whitmore	F.J. McCarthy	Jun. 7, 1960	6	2	12	12	Fresh	D	
Newboro Vlg.	"	E. Whalen	"	Aug. 17, 1960	6	2	22	22	"	D	
Newboro Vlg.	"	H. Mariman	"	Aug. 17, 1960	6	2	44	44	"	D	
Newboro Vlg.	"	H. Aiken	"	Aug. 27, 1960	6	2	8	8	"	D	
Newboro Vlg.	"	E. Brown	"	Aug. 27, 1960	6	3	18	10	"	D	
Newboro Vlg.	"	Hot. Rideau	"	Aug. 27, 1960	6	20	12	12	"	D	
Newboro Vlg.	"	L. Pritchard	"	Jul. 27, 1961	6	5	30	30	"	P	
Newboro Vlg.	"	L. Bell	"	Dec. 29, 1961	6	5	30	30	"	P	
Newboro Vlg.	"	C.A. McCarthy	"	Apr. 25, 1962	6	2	40	13	"	D	
Newboro Vlg.	"	H. Steeling	"	May 1, 1962	6	5	44	44	"	C	
Newboro Vlg.	"	A. Morrison	"	Sep. 7, 1962	6	10	9	9	"	D	
Newboro Vlg.	"	C. Jones	"	Mar. 29, 1963	7	20	5	5	"	D	
Newboro Vlg.	"	J. Williams	F.J. McCarthy	Apr. 13, 1963	6	12	20	15	"	D	
Newboro Vlg.	"	H. King	"	Jun. 25, 1963	6	15	14	14	"	D	
Newboro Vlg.	"	United Church	"	Aug. 24, 1963	6	10	12	8	"	P	
Newboro Vlg.	"	Parsonage	"	Sep. 25, 1963	6	15	16	16	"	D	
Newboro Vlg.	"	Sterling Lodge	"	Oct. 10, 1963	6	15	11	11	"	D	
Newboro Vlg.	"	M. Seed	"	Oct. 10, 1963	6	15	11	11	"	D	
Newboro Vlg.	"	I. Peters	"	Oct. 12, 1963	6	15	13	13	"	D	
Newboro Vlg.	"	K.E. White	"	Nov. 22, 1963	6	10	15	11	"	D	
Newboro Vlg.	"	G. Houser	"	Nov. 25, 1963	6	30	6	6	"	D	
Newboro Vlg.	"	C. LaPoint	"	Mar. 19, 1964	6	2	12	6	"	D	
Newboro village											
Newboro Vlg.	"	M. Whitmore	F.J. McCarthy	Jun. 7, 1960	6	2	12	12	Fresh	D	
Newboro Vlg.	"	E. Whalen	"	Aug. 17, 1960	6	2	22	22	"	D	
Newboro Vlg.	"	H. Mariman	"	Aug. 17, 1960	6	2	44	44	"	D	
Newboro Vlg.	"	H. Aiken	"	Aug. 27, 1960	6	2	8	8	"	D	
Newboro Vlg.	"	E. Brown	"	Aug. 27, 1960	6	3	18	10	"	D	
Newboro Vlg.	"	Hot. Rideau	"	Aug. 27, 1960	6	20	12	12	"	D	
Newboro Vlg.	"	L. Pritchard	"	Jul. 27, 1961	6	5	30	30	"	P	
Newboro Vlg.	"	L. Bell	"	Dec. 29, 1961	6	5	30	30	"	P	
Newboro Vlg.	"	C.A. McCarthy	"	Apr. 25, 1962	6	2	40	13	"	D	
Newboro Vlg.	"	H. Steeling	"	May 1, 1962	6	5	44	44	"	C	
Newboro Vlg.	"	A. Morrison	"	Sep. 7, 1962	6	10	9	9	"	D	
Newboro Vlg.	"	C. Jones	"	Mar. 29, 1963	7	20	5	5	"	D	
Newboro Vlg.	"	J. Williams	F.J. McCarthy	Apr. 13, 1963	6	12	20	15	"	D	
Newboro Vlg.	"	H. King	"	Jun. 25, 1963	6	15	14	14	"	D	
Newboro Vlg.	"	United Church	"	Aug. 24, 1963	6	10	12	8	"	P	
Newboro Vlg.	"	Parsonage	"	Sep. 25, 1963	6	15	16	16	"	D	
Newboro Vlg.	"	Sterling Lodge	"	Oct. 10, 1963	6	15	11	11	"	D	
Newboro Vlg.	"	M. Seed	"	Oct. 10, 1963	6	15	11	11	"	D	
Newboro Vlg.	"	I. Peters	"	Oct. 12, 1963	6	15	13	13	"	D	
Newboro Vlg.	"	K.E. White	"	Nov. 22, 1963	6	10	15	11	"	D	
Newboro Vlg.	"	G. Houser	"	Nov. 25, 1963	6	30	6	6	"	D	
Newboro Vlg.	"	C. LaPoint	"	Mar. 19, 1964	6	2	12	6	"	D	

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LEEDS COUNTY - cont.										
Newboro Village - cont.										
Newboro VIE.	E. Budd	F.J. McCarthy	Apr. 24, 1964	6	15	12	6	Fresh	D	Sand loam 1; limestone 46; sandstone 49. Water at 46.
Newboro VIE.	F. Paichard	"	Apr. 30, 1964	6	15	7	7	"	D	Sand loam 2; limestone 40. Water at 38.
Newboro VIE.	L. Barron	"	May 5, 1964	6	15	34	30	"	C	Blue clay 7; red rock 43. Water at 40.
Newboro VIE.	A. Warren	"	Jul. 31, 1964	6	1	20	13	"	D	Sand loam 1; sandstone 41; black granite 51. Water at 45.
North Crosby Twp.										
Con I	P. Padgett	F.J. McCarthy	Jul. 28, 1961	6	5	15	6	Fresh	D	Sand loam 3; limestone 28. Water at 21.
Con II	R.H. Swan	"	May 2, 1963	6	20	15	2	"	D	Red gravel clay 3; red sandstone 20; red granite 24. Water at 20.
Con II	A.A. Bean	"	Nov. 2, 1963	6	2	25	18	"	D	Old hole 28; red granite 65. Water at 55.
Con II	C.H. Fulver	"	Nov. 8, 1963	6	2	45	12	"	D	Red soft rock 15; red granite 45. Water at 42.
Con II	J. Kohls	"	Aug. 1, 1960	6	3	1	7	"	D	Sand loam 2; limestone 45. Water at 35.
Con II	J. Suracco	"	Aug. 4, 1960	6	2	17	15	"	D	Grey limestone 75. Water at 70.
Con II	G.E. Iredner	"	Sep. 2, 1963	6	2	18	18	"	D	Grey limestone 78. Water at 75.
Con II	F.F. Crooks	"	May 28, 1963	6	1	59	12	"	D	Grey limestone 59. Water at 43.
Con II	F.J. Henderson	"	Sep. 7, 1960	6	2	47	20	"	D	Sand gravel boulders 12; pyroxene 25; red granite 47. Water at 43.
Con II	J.L. Kane	"	Jun. 25, 1964	6	1	79	18	"	D, S	Sand loam 12; white limestone 79. Water at 75.
Con III	C.H. Chamberlain	"	Apr. 26, 1963	6	15	15	15	"	D	Original well 48; red sandstone 67. Water at 63.
Con III	R. Bongers	"	Nov. 22, 1961	6	10	17	17	"	D, S	Old dug hole 15; old drilled hole 30; sandstone 44. Water at 40.
Con IV	R. Elliott	"	Jun. 18, 1960	6	2	6	6	"	D	Sandstone 40. Water at 36.
Con IV	L.K. Howard	"	Jul. 27, 1964	6	10	15	6	"	D	Sand loam 2; sandstone 37. Water at 35.
Con IV	E. McBride	"	Jan. 27, 1960	6	5	20	20	"	D	Sandy loam 3; sandstone 30. Water at 28.
Con IV	J. Gombert	"	Jun. 21, 1960	6	1	18	18	"	D	Sand loam 3; sandstone 52. Water at 43.
Con IV	A. Adrain	"	Aug. 31, 1960	6	2	20	20	"	D	Old hole 18; sandstone 37. Water at 35.
Con IV	R. James	"	Jun. 16, 1962	6	15	30	21	"	D	Sandstone 48. Water at 44.
Con IV	L. Lowry	"	Aug. 30, 1963	6	1	15	13	"	D	Grey limestone 43. Water at 40.
Con IV	R. Head	"	Aug. 21, 1962	6	15	13	13	"	D	Grey limestone 43. Water at 40.
Con IV	R. Prevost	"	Jul. 21, 1962	6	15	25	21	"	P	Sand loam 2; grey limestone 32. Water at 30.
Con IV	"	"	Apr. 12, 1963	6	15	5	5	"	D, S	Sandstone 42. Water at 45.
Con IV	"	"	Jul. 30, 1963	6	15	30	10	"	D, S	Sand loam 5; sandstone 24. Water at 20.
Con IV	M. Traynor	"	Jul. 1, 1960	6	2	22	22	"	D, S	Sand loam 5; sandstone 42. Water at 40.
Con IV	P. Norwood	"	Jun. 28, 1960	6	1	15	15	"	D	Granite 48. Water at 30.
Con IV	B. Drysdale	"	Jun. 7, 1961	6	1	12	12	"	D	Sand loam 2; red granite 38. Water at 35.
Con IV	J. Hagan	"	Oct. 18, 1962	6	3	72	12	"	D, S	Light grey limestone 25; red granite 35. Water at 30.
Con V	S.S. No. 3	"	Aug. 27, 1964	6	3	45	10	"	P	Light grey limestone 50; light grey granite 60; dark grey granite 72. Water at 40 and 70.
Con V	N. Welsh	"	Oct. 20, 1962	6	15	30	28	"	D	Old hole sand 2; hard grey sandstone 24; red granite 45. Water at 40.
Con V	E. Halladay	"	Apr. 10, 1963	6	10	20	15	"	D	Loam 1; yellow limestone 7; grey granite 36; sandstone 39. Water at 37.
Con V	F.A. Berkley	"	Mar. 18, 1963	6	15	23	10	"	D, S	Sandstone 36. Water at 34.
Con VI	E. Hull	"	Oct. 24, 1964	6	30	15	15	"	D, S	Red granite 36. Water at 10 and 35.
Con VI	E.K. Harvey	"	Jun. 23, 1960	6	10	Flows	Flows	"	D	Sand loam 2; grey limestone 23; red granite 25; sandstone 31. Water at 25.

## LEEDS COUNTY - cont.

N. Crosby Twp. - cont.	Lot	A.D. McEwen	F.J. McCarthy	Sep. 13, 1960	6	1	50	€	Fresh	D		
Con VI	13	P.S. Somml	"	Jun. 28, 1963	6	15	16	14	"	D	Old hole 8; red granite 54. Water at 50.	
Con VI	14	R. McEwen	"	Jun. 28, 1963	6	15	16	14	"	D	Sand loam 5; black granite 25; red granite 30. Water at 25.	
Con VII	18	E. Hutchings	W.H. Leavy & Son	Jun. 2, 1960	6	1	22	22	"	D	Sand loam 3; red granite 120. Water at 118.	
Con VII	2	E. Taylor	Thompson Bros.	Jul. 18, 1963	6	252	48	48	"	D	Clay 4; grey granite 200; red granite 252. Water at 100.	
Con VII	9	E. McGregor	"	Aug. 2, 1961	7	10	38	38	"	D	Sandy soil 3; brown sandstone 58. Water at 48.	
Con VII	12	E. Rice	"	Oct. 26, 1963	6½	10	46	40	"	D	Black topsoil 6; sandstone 60. Water at 54.	
Con VII	12	E. Myers	"	Sep. 29, 1960	7	1	43	15	"	D	Brown limestone layers 10; blue limestone 54. Water at 50.	
Con VII	12	D. Thompson	F.J. McCarthy	May 10, 1961	6	3	40	17	"	D,S	Clay boulders 55; limestone 95. Water at 90.	
Con VII	12	D. Thompson	J.H. Thompson	Mar. 30, 1964	6½	9	40	31	"	D	Brown topsoil boulders 10; sandstone 53. Water at 50.	
Con VII	13	E.B. Hendricks	F.J. McCarthy	Jul. 6, 1960	6	3	15	15	"	D	Sand loam boulders 34; sandstone 50. Water at 48.	
Con VII	13	H. Green	"	Jul. 9, 1960	6	1	15	15	"	D	Sand loam 27; boulders sandstone 55. Water at 52.	
Con VII	13	Westport	"	Jun. 11, 1963	6	15	7	7	"	P	Sand loam boulders 15; red granite 35; grey granite 43.	
Con VIII	6	Lions Club	"	Apr. 21, 1963	6	15	12	12	"	D,S	Blue clay 72; red granite 86½. Water at 80.	
Con VIII	7	Elairs School	"	Nov. 19, 1963	6	1	61½	18	"	P	Sand loam 3; white limestone 40; red granite 61½. Water at 40.	
Con VIII	8	H. Jerbyshire	"	Dec. 23, 1961	6	3	30	18	"	D,S	Sand loam 5; blue clay 20; white limestone 57. Water at 50.	
Con VIII	10	J. Tobin	Thompson Bros.	Sep. 13, 1960	7	2	98	90	"	D	Clay 18; limestone 40; sandstone 105. Water at 105.	
Con VIII	14	E.C. Grisey	F.J. McCarthy	Jul. 12, 1962	6	20	5	5	"	D	Sand loam 5; clay gravel 18; dark grey limestone 48. Water at 43.	
Con IX	9	O.W. Bresee	Thompson Bros.	Jan. 11, 1963	6½	4	67	20	"	D	Gravel red sand 50; grey granite 67. Water at 62.	
Con IX	12	E. Taggart	F.J. McCarthy	Jun. 3, 1963	6	4	40	13	"	D,S	Sand loam 6; clay 13; dark grey limestone 75; light grey limestone 82. Water at 50, 60 and 80.	
Con X	16	D. Woods	"	Sep. 1, 1962	6	15	15	1	"	D	Clay boulders 8; clay hardpan 30; grey limestone 55. Water at 50.	
Rear of Escott Twp.												
Con VII	lot 22	H. Whaley	R.H. Miller	Jun. 22, 1960	2	9	27	24	Fresh	D	Sandy loam 4; soft grey limestone 62. Water at 62.	
Con VII	24	Boy Scout Camp (Trail)	"	Jul. 12, 1962	5	10	45	20	"	P	Grey granite 106. Water at 104.	
Con VIII	15	H. Aire	H.J. Davis	May 19, 1964	4	5	18	15	"	P	Light soil 4; brown limestone 25; sandstone 67. Water at 66.	
Con VIII	17	R.M. Kelsey	C.V. Morrison	Dec. 14, 1964	5	10	Flows	Flows	"	D	Black loam 4; brown clay 20; blue clay 29; brown sandstone 42.	
Con VIII	21	D. Kelsey	A.E. Morrison	Dec. 28, 1960	6	5	50	13	"	S	Water at 42.	
Con IX	21	G. Ireland	R. Kenny	Dec. 1, 1962	5	1	20	10	"	D	Black loam 3; grey limestone 73. Water at 70.	
Con IX	21	G. Ireland	A.E. Morrison	May 26, 1964	4	10	50	5	"	D	Black loam 4; brown clay 20; coarse gravel 36. Water at 25.	
Con IX	21	E.T. Nolan	"	Jun. 6, 1964	4	10	50	Flows	"	D	Black loam 100; red granite 120. Water at 70, 100 and 120.	
Con IX	22	G. Botsford	C. Goodberry Well Drilling Ltd.	Feb. 20, 1961	6	20	80	24	"	D	Black loam 4; brown clay 30; coarse gravel boulders 45; red granite 100. Water from 80 to 100.	
Con IX	22	K. Letimer	"	Feb. 28, 1961	6	7	86	12	"	D	Clay 29; red rock 106. Water at 45 and 95.	
Con IX	22	D. Kelsey	R.H. Miller	Jan. 9, 1964	2	4	21	15	"	D	Old well 68; grey quartz 147. Water at 98.	
Con X	1	R. Heffernan	"	Oct. 1, 1964	2	5	40	37	"	D,S	Hardpan 5; limestone quartz 86. Water at 147.	
Con XI	12	D. Diek	C.V. Morrison	May 6, 1964	4	4	18	15	"	D,S	Deepened from 34 to 80. Water at 86.	
Con XI	12	D. Diek	G. Morrison	Feb. 26, 1960	4	5	15	10	"	D,S	Previously drilled 48; sandstone 105. Water at 105.	

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LEEDS COUNTY - cont.										
Rear of Landsdowne Twp.										
Con VII lot 2	R. Dixon	C.W. Jones	Jan. 18, 1964	6	5	10	10	Fresh	D	Sandy soil 2; limestone 42. Water at 39.
Con VII lot 4	C. Crawford	W.H. Davy & Son	May 29, 1962	6	1	84	16	"	D	Sand small boulders 18; white limestone 84. Water at 75.
Con VIII	T. McConnell	C. Goodberry well Drilling Ltd.	Nov. 28, 1961	6	14	150	40	"	D, S	Topsoil 1; clay 7; white limestone 160; granite 172. Water at 73, 160 and 165.
Con X	R. Kenny	R. Kenny	Jan. 27, 1960	5	8	60	5	"	D	grey sandy soil 15; red granite 90; grey granite 120. Water at 60.
Con X	J. Wing	"	Aug. 10, 1961	5	10	35	15	"	D	Brown sandy soil 5; red granite 102. Water at 100.
Con X	G. Warner	"	Jan. 8, 1962	5	5	40	20	"	D	Brown loam 3; red granite 72. Water at 81.
Con X	G. Gamble	"	Feb. 12, 1960	6	10	40	40	"	D	Brown loam 9; red granite 82. Water at 82.
Con X	B. Wicks	"	Jun. 25, 1960	6	17	12	12	"	D	Clay 4; gravel 8; sandstone 54. Water at 51.
Con X	E. Cross	H.J. Davis	Dec. 13, 1962	6	10	15	10	"	D	Clay 8; granite 69. Water at 67.
Con X	A. Hughes	C.W. Jones	Apr. 30, 1963	6	10	10	10	"	D	Clay loam 13; limestone 33; grey granite 52. Water at 49.
Con X	M. Young	"	May 24, 1963	6	40	30	30	"	D	Sandy loam 4; granite 66. Water at 59.
Con X	L. Galloway	"	May 31, 1963	6	10	15	15	"	D	Sandy soil 9; granite 62. Water at 59.
Con X	R. Slack	"	Jul. 4, 1963	6	10	30	17	"	D	Clay 10; coarse gravel 16; granite 97. Water at 93.
Con X	R. McBurney	"	Jul. 10, 1963	6	10	20	10	"	D	Loam 10; hardpan 14; limestone 51. Water at 48.
Con X	R. Hagan	"	Oct. 1, 1963	6	10	20	20	"	D	Tilled well 15; gravel 19; granite 45. Water at 42.
Con X	F. Patterson	"	Jan. 27, 1964	6	5	20	20	"	D	Sandy topsoil 5; granite 52. Water at 49.
Con X	F. Berry	"	Oct. 21, 1964	6	5	12	12	"	D	Clay 12; limestone 62. Water at 59.
Con X	R.J. Davis	C.W. Jones	Dec. 8, 1961	5	10	8	4	"	D	Sand 4; red granite 102. Water at 100.
Con X	E. Stewart	R.H. Miller	Jul. 31, 1962	2	4	15	7	"	D	Red granite 58. Water at 58.
Con XI	J. Giffilen	R. Kenny	Sep. 1, 1962	6 1/2	20	25	25	"	D	Brown sandy loam 4; grey limestone 70; white limestone 76. Water 74.
Con XI	J.S. Kelly	R.H. Miller	Jan. 30, 1964	2	8	40	32	"	D	Old well 6; red granite 95. Water at 95.
Con XII	Kendricks	R. Kenny	Apr. 21, 1961	6	5	55	15	"	P	Brown sand 4; grey sandstone 17; grey granite 95. Water at 92.
Con XII	Municipal Park	"	Aug. 17, 1962	6	5	40	20	"	S	Brown loam 1; grey sandstone 57. Water at 57.
Con XII	J. Douds	C.W. Jones	Oct. 19, 1963	6	10	15	15	"	D	Sandy loam 3; limestone 44. Water at 41.
Con XII	A. Pattamore	F.J. McCarthy	Jul. 28, 1960	6	2	10	10	"	D	Sand loam 5; sandstone 40. Water at 35.
Con XII	E. Greene	C.V. Harrison	Dec. 8, 1964	6	5	70	70	"	D, S	Light soil 2; grey limestone 113. Water at 112.
Con XII	W. Earl	R. Kenny	Dec. 22, 1964	6 1/2	10	100	100	"	D, S	Brown loam 5; grey granite 112; brown sandstone 122. Water at 122.
Con XIII	N. Vanterkolt	"	Jul. 25, 1962	6	3	30	15	"	D, S	Grey clay 12; grey limestone 39. Water at 39.
Rear of Leeds Twp.										
Con V lot 11	D. Mallory	C.W. Jones	Nov. 26, 1964	6	5	20	20	Fresh	D	Loam 5; grey granite 20; limestone 46. Water at 43.
Con VI	J. Berry	"	Oct. 2, 1964	6	5	14	14	"	S	Blue clay 10; 1; loess sand 25; gravel 27. Water at 64.
Con VI	R. Moulton	"	May 14, 1963	6	7	30	5	"	D, S	Clay 23; granite 94. Water at 91.
Con VI	P. Serson	"	Dec. 7, 1964	6	5	20	20	"	D	Gravel 10; granite 78. Water at 75.
Con VI	V. Moulton	"	Feb. 4, 1964	6	5	12	12	"	D	Clay loam 15; limestone 59. Water at 56.
Con VI	D. Mallory	"	Nov. 16, 1964	6	5	20	20	"	S	Loose muck 1; clay hardpan 10; shell rock 15; limestone 35. Water at 32.
Con VI	"	"	Nov. 23, 1964	6	5	20	20	"	D	Clay 19; grey granite 50; limestone 85. Water at 82.
Con VI	M. Moulton	"	Aug. 17, 1964	6	3	125	20	"	D	Granite 125. Water at 90.
Con VI	I. Wilson	W.H. Davy & Son	Aug. 20, 1963	6	10	60	16	"	D	Red sand 4; grey granite 60. Water at 42.
Con VI	E. Fletcher	C.W. Jones	May 29, 1964	6	5	30	4	"	D	Red granite 20; black granite 65. Water at 62.
Con VII	J.F. Donaldson	W.H. Davy & Son	Aug. 12, 1960	6	10	117	53	"	D	Deepened from 64; white granite 117. Water at 90.
Con VI	R.B. Simpson	"	May 2, 1961	6	20	10	8	"	D	Clay 31; grey granite 60; black granite 315. Water at 60.





# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LEEDS COUNTY - cont.										
Rear of Leeds Twp.-cont.										
Con IX lot 18	P. Perrin	F.J. McCarthy	Jun. 4, 1960	6	2	8	8	Fresh	D	Sand 25½; sandstone 50. Water at 45.
Con IX lot 18	B. Tye	C.W. Jones	May 18, 1964	6	3	20	20	"	D	Sandy soil 12; limestone 57. Water at 54.
Con IX lot 20	S.Willoughby	"	Oct. 29, 1963	6	3	50	4	"	D	Sand 7; limestone 91. Water at 88.
Con IX lot 21	Leadbetter & Willis	"	Sep. 28, 1963	6	10	26	26	"	D	Sandy soil 10; granite 20; grey limestone 56. Water at 53.
Con IX lot 24	E. Kenny	"	Nov. 20, 1962	6	6	20	8	"	D	Brown loam 7; grey limestone 58. Water at 55.
Con X lot 12	A. Wilson	M.H. Davy & Son	Oct. 29, 1960	6	5	66	25	"	D	Gravel clay 15; white granite 66. Water at 28.
Con X lot 12	H. McConnell	R. Kenny	May 25, 1961	6	10	40	28	"	D, S	Grey clay 3; red granite 136. Water at 134.
Con X lot 17	J.H. Greene	C. Goodberry Well Drilling Ltd.	Sep. 5, 1964	6	4	130	17	"	D, S	Clay 4; multi-coloured granite 140½. Water at 135.
Con X lot 21	L. Warren	F.J. McCarthy	Oct. 7, 1963	6	12	68	35	"	D, S	Sand loam 20; boulders gravel 23; grey granite 68. Water at 55 and 65.
Con X lot 23	R. Wing	R. Kenny	Sep. 1, 1961	6	8	20	15	"	D	Grey clay 17; red granite 47. Water at 45.
Con X lot 23	M. Rowe	R.H. Miller	Mar. 23, 1964	6	8	42	30	"	D, S	Red sand 3; red granite 96. Water at 96.
Con XII lot 19	L. Holaday	R. Kenny	Jan. 7, 1961	6	10	35	35	"	D, S	Well deepened from 55; sandstone 75. Water at 75.
Rear of Yonge										
Con VI lot 6	G. Bell	R.H. Miller	Feb. 24, 1961	2	6	12	6	Fresh	D	Sandy loam 3; red granite 53. Water at 53.
Con VI lot 6	G. Reynolds	"	May 1, 1961	2	7	15	7	"	D	Sandy loam 3; red granite 51. Water at 51.
Con VI lot 13	D. Gairford	"	Oct. 18, 1963	2	22	15	15	"	D	Hardpan boulders 14; hard grey granite 114. Water at 114.
Con VI lot 13	F. Ailingham	G. Morrison	Apr. 20, 1961	4	3	30	20	"	D	Light soil 4; brownish granite 70. Water at 68.
Con VI lot 13	T. Poelman	R.T. Davis	Apr. 22, 1961	5	10	30	20	"	D, S	Clay 3; grey limestone 80; red granite 116. Water at 114.
Con VI lot 17	K. Dixie	G. Morrison	Dec. 13, 1961	5	16	12	12	"	D, S	Clay loam 11; brownish granite 80. Water at 78.
Con VI lot 22	J. Kelsey	R.H. Miller	Dec. 3, 1963	5	4	20	16	"	D	Grey clay 30; hardpan boulders 67; grey granite 131. Water at 131.
Con VI lot 23	H. Wistendorf	"	Jun. 20, 1960	2	9	31	20	"	D	Sandy loam 3; red granite 76. Water at 76.
Common lot 6	P. Hudson	"	Jan. 25, 1961	2	12	18	18	"	D, S	Grey limestone 67. Water at 67.
Con VII lot 6	E. Seymour	"	Apr. 13, 1964	2	15	18	12	"	D, S	Sandy loam 3; hard grey limestone 62. Water at 61.
Con VII lot 12	D. Sarrent	R.L. Davis	May 30, 1963	5	10	30	30	"	D	Sand 7; sandstone 106. Water at 104.
Con VII lot 22	Glen Morris School	T. Davis	Jun. 13, 1960	5	5	34	32	"	P	Sandy loam 2; sandy limestone 40; blue granite 73. Water at 73.
Con VII lot 22	H. Serphais	G. Morrison	Dec. 23, 1960	4	5	34	30	"	D, S	Previously drilled 37; brownish granite 80. Water at 78.
Con VII lot 24	F. Coble	R.H. Miller	Jun. 17, 1960	2	10	18	12	"	D	Sand 21; red granite 60. Water at 60.
Con VII lot 24	K. Montgomery	"	Feb. 20, 1964	2	16	15	6	"	D, S	Sandy loam well pit 5; red granite 112. Water at 112.
Con VIII lot 4	I. Pike	"	Aug. 15, 1963	2	12	16	8	"	D, S	Old well 15; hard grey limestone 69. Water at 69.
Con VIII lot 5	S.S. # 7	T. Davis	Sep. 2, 1960	5	10	15	8	"	P	Light sandy loam 2; brown sandy limestone 64. Water at 62.
Con VIII lot 7	A. Pattimore	G. Morrison	Feb. 25, 1961	5	10	15	15	"	D, S	Previously drilled 29; brown limestone 85. Water at 83.
Con VIII lot 11	A. Scott	R.J. Davis	Nov. 3, 1964	5	10	15	18	"	D, S	Clay 10; limestone 75. Water at 72.
Con VIII lot 15	M. Venstra	A.E. Morrison	Aug. 13, 1964	5	10	60	40	"	D	Brown loam 3; grey sandstone 70. Water from 40 to 70.
Con VIII lot 16	M. Kelly	R.H. Miller	May 31, 1963	2	8	16	6	"	D	Hardpan large boulders 46; grey granite 91. Water at 91.
Con VIII lot 19	P. Harmama	The Dutch Store Ltd.	Aug. 25, 1961	5	15	20	13	"	D	Black loam 4; brown sandstone 19; brown limestone 67. Water at 65.
Con IX lot 15	A.C. Watts	H.T. Davis	Sep. 7, 1961	4	10	30	25	"	D	Clay 7; brown sandstone 57. Water at 54.
Con IX lot 15	D. Hildebrand	G. Morrison	Apr. 29, 1960	4	3	10	5	"	D	Clay loam 7; grey sandstone 32. Water at 30.
Con IX lot 15	C. Bowers	H.T. Davis	Dec. 11, 1963	5	10	25	15	"	D	Limestone 50. Water at 48.
Con IX lot 15	H. Cooey	R.H. Miller	May 6, 1964	2	6	30	20	"	D	Sandy loam 2; grey granite 58. Water at 56.

## LEEDS COUNTY - cont.

Year of Yonge Twp. cont.	Section	Owner	Acres	Area	Notes
Con IX	lot 21	J. Hudson	3	18	Jun. 8, 1864
Con X	" 14	R.H. Miller	2	10	Apr. 29, 1861
Con X	" 14	T. Lawson	5	20	Apr. 29, 1861
Con X	" 14	T. Davis	4	20	Sep. 21, 1862
Con X	" 14	B. Lawson	5	13	Sep. 21, 1862
Con X	" 22	D. Schaafsma	10	21	Jul. 4, 1864
Con X	" 24	R.H. Miller	5	18	Mar. 8, 1862
Con X	" 24	G.L. Morrison	5	18	Mar. 8, 1862
Con X	" 24	R. Godkin	5	18	Jun. 15, 1864
Con XI	" 1	F. Johnston	10	40	Jun. 15, 1864
Con XI	" 8	A.E. Morrison	7	40	Nov. 27, 1864
Con XI	" 1	T. Knapp	4	18	Nov. 27, 1864
Con XI	" 12	H. Dier	5	15	Mar. 8, 1861
Con XI	" 14	G.L. Morrison	4	17	Mar. 27, 1862
South Burgess Twp.	Con I	J.L. Flynn	6	15	Feb. 16, 1862
Con I	lot 13	R. McEwen	5	20	May 21, 1864
Con II	" 11	R.L. Crain	6	45	Oct. 5, 1860
Con II	" 20	R. R. Tope	5	20	May 7, 1864
Con II	" 20	A.E. Morrison	5	20	May 8, 1864
Con II	" 20	C. Abene	5	20	May 8, 1864
Con II	" 20	W.H. Davy & Son	10	20	May 31, 1861
Con II	" 24	Rothwell & Co.	20	24	May 15, 1862
Con II	" 24	Perrin Ltd.	6	15	May 15, 1862
Con III	" 24	J. Pugsley	6	15	Jun. 23, 1862
Con III	" 9	"	6	30	May 29, 1864
South Crosby Twp.	Con I	A. Donovan	6	50	Nov. 15, 1861
Con I	" 11	V. Donovan	6	40	Nov. 29, 1861
Con I	" 12	L. Patterson	6	10	Nov. 29, 1861
Con I	" 13	C.W. Jones	6	10	Nov. 29, 1861
Con I	" 13	R. Kenny	6	10	Feb. 18, 1860
Con I	" 13	L. Soper	6	10	Feb. 22, 1861
Con I	" 13	M. Charland	6	10	Sep. 28, 1862
Con I	" 14	J. Muirhead	6	15	Sep. 28, 1862
Con I	" 18	A. Welch	6	15	Sep. 28, 1862
Con I	" 21	S. Merriman	6	35	Sep. 3, 1864
Con I	" 22	A. Merriman	6	35	Sep. 3, 1864
Con I	" 22	C. Jones	6	25	Oct. 5, 1863
Con I	" 25	F.J. McCarthy	6	25	Oct. 5, 1863
Con I	" 25	K. Barker	6	10	Mar. 30, 1863
Con I	" 25	R. Barker	6	15	Mar. 30, 1863
Con II	" 10	R. Bender	6	19	Aug. 23, 1864
Con II	" 10	R. Bender	6	19	Aug. 23, 1864
Con II	" 12	D. Dougall	6	20	Aug. 23, 1864
Con II	" 12	R.C. Rectory	6	30	Sep. 1, 1860
Con II	" 12	R.C. Rectory	6	30	Jun. 14, 1862
Con II	" 12	M. Campbell	6	15	Sep. 26, 1863
Con II	" 12	Elgin Public School	6	45	Sep. 26, 1863
Con II	" 13	T. Kenny	6	10	Oct. 11, 1863
Con II	" 13	T. Kenny	6	10	Aug. 20, 1860
Rear of Yonge Twp. cont.	Con IX	J. Hudson	3	18	Jun. 8, 1864
Con X	" 14	R.H. Miller	2	10	Apr. 29, 1861
Con X	" 14	T. Lawson	5	20	Apr. 29, 1861
Con X	" 14	T. Davis	4	20	Sep. 21, 1862
Con X	" 14	B. Lawson	5	13	Sep. 21, 1862
Con X	" 22	D. Schaafsma	10	21	Jul. 4, 1864
Con X	" 24	R.H. Miller	5	18	Mar. 8, 1862
Con X	" 24	G.L. Morrison	5	18	Mar. 8, 1862
Con X	" 24	R. Godkin	5	18	Jun. 15, 1864
Con XI	" 1	F. Johnston	10	40	Jun. 15, 1864
Con XI	" 8	A.E. Morrison	7	40	Nov. 27, 1864
Con XI	" 1	T. Knapp	4	18	Nov. 27, 1864
Con XI	" 12	H. Dier	5	15	Mar. 8, 1861
Con XI	" 14	G.L. Morrison	4	17	Mar. 27, 1862
South Burgess Twp.	Con I	J.L. Flynn	6	15	Feb. 16, 1862
Con I	lot 13	R. McEwen	5	20	May 21, 1864
Con II	" 11	R.L. Crain	6	45	Oct. 5, 1860
Con II	" 20	R. R. Tope	5	20	May 7, 1864
Con II	" 20	A.E. Morrison	5	20	May 8, 1864
Con II	" 20	C. Abene	5	20	May 8, 1864
Con II	" 20	W.H. Davy & Son	10	20	May 31, 1

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LEEDS COUNTY - cont.										
South Crosby Imp. cont.										
Con I	B. Pyne	B. Kenny	Sep. 7, 1961	6	8	30	20	Fresh	D	Red sand 2'; red rock 46'; red granite 61'. Water at 61.
Con II	E. C. Hamilton	F.J. McCarthy	Jan. 4, 1962	6	3	20	12	"	D	Old hole 12'; sand 34'; sandstone 61'. Water at 55.
Con III	E. Patterson	B. Kenny	Jan. 17, 1963	6	12	15	10	"	D	Brown loam 10'; brown sand 30'; fine gravel 44'; coarse gravel 52'. Water at 50.
Con I	B. Connell	"	Jun. 13, 1962	6	10	30	20	"	D	Grey clay 8'; grey sand 40'; grey limestone 50'; red limestone 101'. Water at 100.
Con II	B. Sheffield	C.W. Jones	Jun. 6, 1963	6	10	10	10	"	D	Sandy loam 11'; sandstone 31'. Water at 28.
Con III	T. Lyles	"	Jan. 4, 1963	6	8	30	10	"	C	Tilled cased filled 13'; red rock 17'; limestone 63'. Water at 60.
Con I	M. George	"	Aug. 6, 1963	6	10	20	10	"	D	Tilled cased filled 16'; clay 19'; limestone 40'. Water at 37.
Con II	W. Swanson	F.J. McCarthy	Sep. 21, 1963	6	1	54 1/2	10	"	D	Sand loam 15'; sandstone 50'; red granite 54 1/2'. Water at 50.
Con III	H. Swain	M.V. August	May 21, 1962	6	11	52	4	"	D	Clay loam 70'; granite 149'. Water at 132.
Con I	E. Strong	C.W. Jones	Jul. 22, 1963	6	8	30	4	"	D	Sandy soil 11'; granite rock 104'. Water at 101.
Con II	A. Dwyer	"	Feb. 14, 1961	6	6	12	12	"	D	Clay 20'; quicksand 40'; gravel 60'; brown soft rock 96'. Water at 93.
Con I	J.A. Earl	F.J. McCarthy	Oct. 15, 1964	6	20	20	16	"	D,S	Old dug well 18'; rock 53 1/2'. Water at 50.
Con II	B. Bentley	"	Apr. 4, 1960	6	2	20	16	"	D	Old dug hole 22'; grey granite 47'. Water at 45.
Con III	A. Presman	"	Sep. 13, 1962	6	2	87	21	"	D,S	Blue clay 50'; red rock 75'; red granite 87'. Water at 75.
Con I	S. Garabner	"	Sep. 28, 1962	6	15	33	33	"	D	Clay boulders 47'; red rock 75'; white limestone 90'. Water at 85.
Con I	A. Henry	C. Jones	Apr. 4, 1963	6	10	5	5	"	D	Sandy soil 11'; limestone 32'. Water at 29.
Con II	S. Shack	R. Kenny	Jul. 6, 1962	6	10	30	22	"	D	Brown loam 13'; grey limestone 26'; grey granite 81'. Water at 80.
Con III	D. Seok	C.W. Jones	Oct. 17, 1963	6	10	10	10	"	D	Clay 20'; gravel 25'; shale red rock 30'; solid red rock 100. Water at 57.
Con I	E.J. Mallen	F.J. McCarthy	J.L. 21, 1960	6	1	15	15	"	D,S	Sand loam 2'; red blue green grey granite 65'. Water at 55.
Con II	R. Kane	C.W. Jones	Oct. 5, 1964	6	25	25	25	"	D	Sand 30'; gravel 40'. Water at 40.
Con III	H. Riggs	F.J. McCarthy	Sep. 22, 1962	6	15	19	19	"	D	Sand loam 4'; sandstone 25'. Water at 23.
Con I	S. Crosby	C.W. Jones	Jan. 10, 1963	6	10	15	15	"	C	Sandy loam 10'; hardpan 17'; red rock 67'. Water at 63.
Con III	Rural Tel.	"	"	"	"	"	"	"	"	"
Con I	J. Kenney	B. Kenny	Feb. 10, 1961	6	10	45	45	"	D	Brown loam 50'; grey limestone 105'. Water at 100.
Con II	G. Major	F.J. McCarthy	Jun. 8, 1962	6	10	15	10	"	D	Sand loam 2'; sandstone 38'. Water at 55.
Con III	J.H. McCarthy	"	Jul. 2, 1962	6	3	21	20	"	D,S	Sand loam 5'; sandstone 30'. Water at 21.
Con I	A. Finch	C.W. Jones	Jul. 2, 1962	6	3	25	25	"	D,S	Clay 7'; gran 30'; limestone 55'. Water at 52.
Con IV	P. Morris	"	Nov. 24, 1963	6	10	12	12	"	D	Sandy loam 4'; limestone 59'. Water at 56.
Con V	J. Knecht	"	Apr. 12, 1963	6	15	18	18	"	D	Clay 14'; limestone 36'. Water at 53.
Con VI	E. Mitchell	"	Nov. 11, 1960	6	20	110	13	"	D	Sand gravel 36'; white granite 10'. Water at 90.
Con VII	L. Wells	W.H. Davy & Son	Feb. 8, 1961	6	20	35	29	"	D	Clay sand 15'; red granite 63'. Water at 45.
Con VIII	J. Robinson	"	Jan. 28, 1961	6	10	31	20	"	D	Clay gravel 51'. Water at 51.
Con IX	I. Tye	"	Aug. 29, 1961	6	5	50	30	"	D	Grey clay boulders 5'; red granite 96'. Water at 96.
Con X	C. Milla	W.H. Davy & Son	Jul. 18, 1963	6	20	29	21	"	D	Blue clay 40'; grey granite 62'. Water at 59.
Con XI	L. Ferrin	"	Jan. 12, 1961	6	2	198	34	"	D	Clay gravel 32'; grey granite 198'. Dry hole.
Con XII	B. Burtch	F.J. McCarthy	Jun. 9, 1962	6	10	16	16	"	D	Clay 9'; light grey limestone 33'; grey granite 37 1/2'. Water at 33.
Con I	W. Horan	W.H. Davy & Son	Mar. 8, 1961	6	20	12	2	"	D	Clay 11'; sandstone 64'. Water at 55.
Con II	D. Horan	"	May 5, 1961	6	20	18	6	"	D	Sand gravel 8'; green granite 48'. Water at 30.
Con III	W. Horan	"	Oct. 29, 1963	6	10	64	8	"	D	Previously drilled 64'; sandstone 161'. Water at 150.
Con IV	D. Braico	F.J. McCarthy	Jul. 23, 1960	6	2	8	8	"	D	Sand loam 2'; sandstone 33'. Water at 30.
Con V	E. Morris	C.W. Jones	Aug. 2, 1963	6	3	10	20	"	D	Sand 43'; red rock 82'. Water at 79.

## LEEDS COUNTY - cont.

South Crosby Twp. cont.																				
Con V	17	B. Kerr	F.J. McCarthy	Jun. 1, 1961	6	3	20	18	Fresh	D,S	Blasted hole 21; black granite 55. Water at 50.									
Con V	5	M. Kerr	"	Sep. 7, 1964	6	3	72	24	"	D,S	Old hole 57; rock 72. Water at 65.									
Con VI		M. Glover	"	Aug. 27, 1962	6	15	26	26	"	D	Old hole dug to rock 16; old hole reamed 42; rock 70 1/2. Water at 68.									
Con VII	5	K. Beur	"	Aug. 13, 1960	6	< 1/2	43	6	"	D	Sand loam 5; sandstone 43. Water at 40.									
Con VII	17	J.A. Fyne	"	May 4, 1962	6	3	30	10	"	D	Sand gravel 32; white limestone 50; red granite 53. Water at 51.									
Con VII	19	T. Graves	"	Dec. 11, 1961	6	3	20	20	"	D	Old hole drilled 40; grey granite 67. Water at 60.									
Con VII	17	R. Willis	"	Aug. 10, 1960	6	2	25	25	"	D,S	Sand loam 2; grey granite 85. Water at 83.									
Con VII	11	W.A. Aton	"	Jul. 24, 1964	6	2	20	4	"	D	Sand loam 10; sand boulders 19; red granite 65. Water at 60.									
Con VII	15	W. Logan	"	Jun. 19, 1964	6	3	15	15	"	D	Dark grey granite 50. Water at 45.									
Con VII	17	G. Curry	R. Kenny	May 3, 1961	6	10	10	10	"	D	Sandy soil 3; grey limestone 85. Water at 80.									
Con VII	17	M.J. Howell	F.J. McCarthy	Jun. 26, 1961	6	15	115	25	"	D	Previously drilled 75; limestone 115. Water at 100.									
Con VII	17	G. Curry	R. Kenny	Dec. 21, 1961	6	15	75	40	"	D	Brown loam 4; hard grey limestone 135. Water at 130.									
Con VII	17	Opinican	F.J. McCarthy	Oct. 29, 1962	6	10	60	20	"	P	Blue clay 3; fine sand 63; grey limestone 85. Water at 80.									
Con VIII	17	Lodge																		
Con VIII	17	C. Fleming	C.W. Jones	Mar. 27, 1964	6	5	37	37	"	D	Shale 7; limestone 57. Water at 53.									
Con VIII	17	E. Trotter	"	Apr. 14, 1964	6	5	15	15	"	D	Sandy soil 2; limestone 58. Water at 53.									
Con IX	26	E. Brady	F.J. McCarthy	Jun. 18, 1962	6	15	8	8	"	D,S	Old blasted well 10; limestone 29. Water at 24.									
Con X	16	E. John	"	Jun. 26, 1961	6	4	10	10	"	D	Limestone 53. Water at 45.									
Con X	22	C. Taggart	W.H. Davy & Son	Jun. 25, 1963	6	3 1/2	191	25	"	D	Sand gravel 11; grey red granite 191. Water at 145.									
South Elmsley Twp.																				
Con I	1	G. Graham	R.H. Miller	Feb. 10, 1960	2	4	40	25	Fresh	D,S	Old well 60; medium hard limestone 258. Water at 258.									
Con I	17	A. Strickland	F.J. McCarthy	Nov. 20, 1961	6	1 1/2	55	25	"	D,S	Clay loam 4; light grey limestone 50; sandstone 55. Water at 50.									
Con I	23	R. Barber	"	Dec. 3, 1962	6	15	18 1/2	18 1/2	"	D	Clay loam 3; light grey limestone 37. Water at 35.									
Con I	23	L. Heckridge	"	Nov. 29, 1962	6	15	11	11	"	D	Sand loam 4; grey limestone 31. Water at 28.									
Con II	2	G. Hudson	C.V. Morrison	Nov. 30, 1962	4	6	30	24	"	D	Dark clay 4; sand gravel stones 30; harden stones 37; limestone 137. Water at 37, 80 and 135.									
Con II	4	R. Livingston	R.H. Miller	Jan. 20, 1961	2	2	41	32	"	D,S	Old dug well 20; hardpan boulders 45; limestone quartz 199. Water at 199.									
Con II	4	C.L. Tuck	C.V. Morrison	Aug. 4, 1964	8	25	30	15	"	Ir	Clay boulders 19; limestone 206. Water from 60 to 80.									
Con II	5	J. Palmer	W.V. Nugent	Apr. 12, 1962	6	11	25	18	"	D,S	Blue clay 20; sandstone 51. Water at 50.									
Con II	5	R. VanNorman	C.V. Morrison	Jan. 18, 1964	4	5	25	45	"	D	Topsell stones 8; limestone 100. Water from 80 to 100.									
Con II	6	B. Scott	"	Jun. 6, 1961	4	5	55	10	"	P	Sand 5; blue clay 56; gravel 57; grey limestone 167. Water at 165.									
Con II	8	Saiths Falls Golf - country Club	J. Knox	Oct. 12, 1964	8	50	60	Flows	"	C	Sandy soil 4; grey sandstone 128. Water at 30, 90 and 120.									
Con II	11	R. Radzyk	C.V. Morrison	Jun. 10, 1963	4	8	20	15	"	D	Topsoil 1; limestone 30; sandy limestone 65. Water at 28, 40 and 62.									
Con II	14	R. Joynt	"	Oct. 5, 1964	6	20	40	33	"	P	Red sand 1; rock 6; limestone 45; sandstone 63. Water at 60.									
Con II	15	J. Kelly	F.J. McCarthy	Nov. 28, 1962	6	10	64	20	"	D,S	Sand clay 24; sand 42; grey granite 64. Water at 60.									
Con II	17	G. Feg	"	Dec. 5, 1960	6	3	7	7	"	D	Sand loam 4; clay 20; sand 55; grey limestone 80. Water at 75.									
Con II	17	J. Weeks	C.V. Morrison	Feb. 23, 1961	4	7	5	5	"	D	Topsoil 5; sandy limestone 44. Water at 42.									
Con II	19	G. Latriele	"	Oct. 7, 1961	4	5	5	8	"	D	Topsoil 2; grey limestone 42. Water at 40.									
Con II	19	J. Derton	"	Mar. 5, 1964	4	3	60	Flows	"	D	Dark sandy clay 4; limestone 28; sandstone 63. Water at 60.									
Con II	19	E.S. Connor	F.J. McCarthy	Sep. 15, 1964	4	15	77 1/2	12	"	D	Sand loam 7; grey limestone 77 1/2. Water at 30.									
Con II	21	C. Joynt	"	Mar. 31, 1964	6	15	20	11	"	D,S	Shale 3; grey limestone 48. Water at 45.									

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-ING METER	PUMP-TEST	PUMP-LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LEEDS COUNTY - cont.										
South Elmsley Twp. cont.										
Con II lot 22	Highway Motors	P.J. McCarthy	Dec. 29, 1962	6	15	27	27	Fresh	C	Sand loam 1; grey limestone 15; grey granite 46 1/2. Water at 45
Con II " 24	C. Gillespie	"	Oct. 12, 1964	6	20	8	8	"	P	Shale 3 1/2; sandstone 31. Water at 28.
Con II " 26	F. Gode	R.H. Miller	Aug. 3, 1960	2	4	20	12	"	D	Sandy loam small boulders 21; crumbly red sandstone 81. Water at 81.
Con III " 2	L. Ireland	C.V. Morrison	Nov. 20, 1960	5	5	30	20	"	D	Old well deepened 20; blue clay 40; grey limestone 60. Water at 50 and 60.
Con III " 4	J.T. Hutcheson	"	Apr. 6, 1960	5	17	8	2	"	D	Brown loam 3; blue clay 17; grey limestone 57. Water from 38 to 57.
Con III " 6	W.T. Hunter	J.R. Thompson	Nov. 18, 1964	6 1/2	5	78	24	"	D	Slopy clay 10; grey sandstone 78. Water at 70.
Con III " 6	J. Scholting	C.V. Morrison	Dec. 9, 1964	6	10	25	20	"	D, S	Topsoil stone 14; sandy limestone 59. Water from 40 to 59.
Con III " 6	"	"	Dec. 9, 1964	6	10	30	22	"	D, S	Topsoil 4; sandy limestone 85. Water from 40 to 65.
Con III " 7	M. Coulas	Thompson Bros	Jun. 10, 1963	6	3	54	8	"	D	Clay loam 2; hard brown sandstone 54. Water at 42.
Con III " 7	R. Edwards	"	Jul. 30, 1963	6	5	44	24	"	D	Clay loam 5; brown sandstone 25; white sandstone 47; brown sandstone 60. Water at 52.
Con III " 8	R. McIlvanna	"	Jun. 28, 1963	6	4	50	25	"	D	Clay loam 3; hard brown sandstone 55. Water at 48.
Con III " 10	R.A. Schultz	N. Lackie	Sep. 4, 1962	5	10	24	22	"	D	Red clay 3; grey sandstone 112. Water from 100 to 112.
Con III " 11	L. Lackie	"	Jul. 20, 1961	5	10	13	9	"	D	Topsoil 5; limestone 37. Water at 37.
Con III " 11	R. Edwards	P.J. McCarthy	Jun. 28, 1962	5	15	10	10	"	D	Sand loam 4; grey limestone 28. Water at 25.
Con III " 11	K. Cole	"	Aug. 6, 1962	6	4	57	17	"	C	Light grey limestone 54; sandstone 57. Water at 55.
Con III " 11	Proposed new Central School	"	Aug. 14, 1962	6	10	45	20	"	P	Sand loam 18; clay 33; grey limestone 82 1/2. Water at 78.
Con III " 11	K. Cole	"	Sep. 21, 1964	6	15	35	21	"	D	Old well 35; limestone 73. Water at 71.
Con III " 11	W.H. Bennett	J.R. Thompson	Dec. 1, 1964	6 1/2	8	45	20	"	D	Brown topsoil 2; sandstone 50. Water at 42.
Con III " 13	L. Cadot	P.J. McCarthy	Nov. 15, 1961	6	2	57	25	"	D	Sand loam 5 1/2; light grey limestone 50; black granite 57. Water at 55.
Con III " 13	S.A. Lackey	J.R. Thompson	Dec. 18, 1964	6 1/2	10	54	20	"	D	Brown topsoil 2; white sandstone 54. Water at 40 and 49.
Con III " 15	Elmsley School Area	P.J. McCarthy	Mar. 26, 1963	6	20	7	3 1/2	"	P	Blue clay 8; grey limestone 49. Water at 40.
Con III " 15	R. Hill	"	Oct. 28, 1963	6	5	30	25	"	D, S	Sand loam 10; limestone 58. Water at 58.
Con III " 16	E. Purcell	C.V. Morrison	Feb. 13, 1961	4	7	20	20	"	D	Clay boulders 16; grey limestone 68. Water at 65.
Con III " 16	C. Normandin	C. Jones	Mar. 22, 1963	6	10	25	20	"	D	Clay topsoil 17; limestone 52. Water at 49.
Con III " 18	C.R. Wright	J.R. Thompson	Dec. 9, 1964	6 1/2	20	30	18	"	D	Clay boulders 40; grey sandstone 63. Water at 53.
Con III " 19	Anglican Rectory	"	Jun. 27, 1962	6	3	33	10	Sulphur	D	Old drilled hole 27; grey limestone 33. Water at 32.
Con III " 21	C. Looby	C.V. Morrison	Jul. 30, 1960	4	5	18	16	Fresh	D	Topsoil 4; limestone 85. Water at 80.
Con III " 22	H. Wood	"	Oct. 7, 1964	6	20	50	45	"	D, S	Old well 62; limestone 69. Water at 67.
Con III " 23	D. Fegg	P.J. McCarthy	Jul. 3, 1964	6	15	25	18	"	D, S	Limestone 46; sandstone 48. Water at 48 and 51.
Con III " 25	E. Strickland	"	Jul. 11, 1964	6	1	66	15	"	D	Sand loam 10; clay 30; white sandstone 66. Water at 60.
Con IV " 3	Falls Lumber Supplies	C.V. Morrison	Nov. 8, 1961	5	10	8	8	"	D	Topsoil 1; limestone 42; sandy limestone 60. Water from 52 to 60.
Con IV " 4	R. Lenoyne	J. Knox	Nov. 25, 1963	6	16	20	12	"	P	Topsoil 1; shale sandstone 4; red grey sandstone 48. Water from 15 to 38.
Con IV " 5	W. Weeks	C.V. Morrison	Jun. 14, 1961	5	5	5	5	"	D	Topsoil 2; sandy limestone 37. Water at 35.
Con IV " 14	B. Cormore	P.J. McCarthy	Jul. 20, 1963	6	10	40	30	"	D	Topsoil 2; sandy limestone 45. Water at 9, 18 and 43.
Con IV " 17	C. Corliss	"	Oct. 31, 1961	5	10	60	25	"	D, S	Sand loam 3; limestone 5; shale limestone 8; blue limestone 53. Water at 50.
Con IV " 17	C. Gould	C.V. Morrison	Dec. 16, 1960	5	2	35	35	"	D, S	Topsoil 6; limestone 92. Water from 86 to 92.
Con IV " 19	C. Spooner	P.J. McCarthy	Apr. 11, 1964	6	15	7	7	"	D	Grey limestone 60. Water at 57.
										Sand loam 3; crevice limestone 10; hard grey limestone 24. Water at 21.



LEEDS COUNTY - cont.

S. Elmsley Twp. - cont.	J. Armstrong	F.J. McCarthy	May 16, 1964 Jul. 20, 1962	6 15	10 15	7 30	7 22	Fresh "	D S
Con IV " 22	E. Orton	"							
Con IV " 23	I. MacFarlyn	"	Jun. 15, 1960	6	1	7	18	"	D
Con IV " 23	M. Rusinich	"	Jul. 3, 1962	6	15	18	7	"	D
Con V " 7	G.H. Fielding	C.V. Morrison	Jul. 19, 1960 Apr. 9, 1962	4 4	6 6	29 25	16 10	"	D
Con V " 10	L. Peterkin	Thompson Bros.	Sep. 24, 1963	6½	5	44	10	"	D
Con V " 11	M. Code	"	Oct. 11, 1963	5	5	42	10	"	D
Con V " 11	J. Elliott	C.V. Morrison	Aug. 15, 1963	15	15	Flows	10	"	D
Con V " 16	K. Beckwith	F.J. McCarthy	Aug. 11, 1963	6	15	9	19	"	D
Con V " 21	R. Walls	"	Jun. 12, 1963	6	7	18	12	"	D
Con V " 21	A.A. Wills	C.V. Morrison	Apr. 23, 1962	4	7	18	15	"	D
Con V " 21	A. Wills	"	Apr. 26, 1962	4	5	12	12	"	D,S
Con V " 21	M. Spinelli	Thompson Bros.	Sep. 23, 1963	6	10	38	30	"	D
Con V " 24	E. Covell	C.V. Morrison	May 27, 1960	4	5	14	12	"	D
Con V " 26	B. Hill	"	Jul. 25, 1963	4	5	14	12	"	D
Con V " 27	L. Knech	"	Aug. 7, 1961	4	5	16	16	"	D
Con V " 27	J.A. Quatrochi	"	Jul. 17, 1963	4	5	4	4	"	D
Con V " 27	M. McWen	"	Jul. 25, 1963	4	5	4	4	"	D
Con V " 27	A. Hunter	"	Jul. 27, 1963	4	5	8	8	"	D
Con V " 28	S. Gault	B.F. Miller	May 23, 1960	2	24	14	14	"	D
Con V " 28	R. Sikorski	C.V. Morrison	Aug. 2, 1961	4	4	14	14	"	D
Con V " 30	D. Hanson	W.V. Nugent	Apr. 30, 1964	6	20	10	7	"	D
Westport Village									
Westport Vlg.	R. Stafford	F.J. McCarthy	Jan. 30, 1960	6	15	23	17	Fresh	C
Westport Vlg.	H. Steele	Thompson Bros.	Oct. 13, 1960	5	2	29	22	"	D
Westport Vlg.	A. R. Petersen	F.J. McCarthy	Oct. 15, 1960	6	3	28	6	"	D
Westport Vlg.	F. McCarthy	"	Oct. 19, 1960	6	3	30	35	"	D
Westport Vlg.	C.L. Wood	"	Oct. 27, 1960	6	3	30	35	"	P
Westport Vlg.	Stedwards	"	Mar. 21, 1961	6	3	35	35	"	P
Westport Vlg.	Rectory	"							
Westport Vlg.	W. Thake	"	May 15, 1961	6	10	24	24	"	D
Westport Vlg.	T. McGinness	"	Oct. 13, 1961	6	5	17	17	"	D
Westport Vlg.	J. Martin	"	Oct. 17, 1961	6	15	17	17	"	D
Westport Vlg.	Moore Dame	"	Oct. 18, 1961	6	15	30	30	"	P
Westport Vlg.	Convent	"						"	
Westport Vlg.	F. Byrne	"	Dec. 1, 1961	6	15	20	20	"	D
Westport Vlg.	P. Snider	"	Apr. 6, 1962	6	15	20	15	"	D
Westport Vlg.	E. Kase	"	Jul. 17, 1962	6	15	20	15	"	D
Westport Vlg.	E. Kase	"	Apr. 8, 1963	6	15	16	16	"	D
Westport Vlg.	F. Murphy	"	Apr. 17, 1963	6	15	15	15	"	D
Westport Vlg.	R.F. Herity	"	Aug. 3, 1963	6	2	13	13	"	D

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LEEDS COUNTY - cont. Westport Village - cont. Westport Vlg. Westport Vlg. Westport Vlg. Westport Vlg.	C. Derbyshire Free Methodist Parsonage	F.J. McCarthy " "	Aug. 7, 1963 Sep. 4, 1963	6 6	2 15	20 24	4 15	Fresh "	D P	Blue clay 10; sand clay 19; grey limestone 45. Water at 45. Sand loam 2; sand clay 14; boulders 16; sand clay 19; limestone 23; sandstone 36. Water at 33. Blue clay 26; hard grey limestone 40; sandstone 45. Water at 40.
	A. Green	"	Nov. 13, 1963	6	15	30	18	"	D	Sand gravel 66; grey granite 95. Water at 85. Clay 4; shale rock 15; limestone 44. Water at 41. Old dug well 19; limestone 46. Water at 40.
	P. Hoedickie J. Rice	W.H. Davy & Son C.M. Jones	Jan. 15, 1964 Apr. 23, 1964	6 6	15 5	30 6	25 6	"	D	Clay 4; shale rock 15; limestone 44. Water at 41. Old dug well 19; limestone 46. Water at 40.
	S.E. Blair	F.J. McCarthy	Jun. 13, 1964	6	5	46	12	"	D	Sand loam 10; boulders 14; blue clay 28; clay hardpan boulders 36; grey limestone 48; sandstone 51. Water at 48.
	Dr. Hamilton	"	Oct. 20, 1964	6	20	24	24	"	D	36; grey limestone 48; sandstone 51. Water at 48.
PRESBOTT COUNTY Alfred Township Con I Con II Con V	P. Florent	B.M. Campbell	Sep. 1, 1962	5	3	182	12	Fresh	D, S	Clay stones 15; limestone 182. Water at 182.
	L. Gratton	"	May 9, 1962	5	6	12	7	"	D, S	Clay 15; sand gravel 30; limestone 77. Water at 70.
	Ont. Dept. of Highways	F.E. Johnston	Jul. 2, 1963	5	5	90	34	"	P	Sand loam 2; silty clay sand 70; silty clay boulders 76; gravel sand 79; medium grey limestone 180. Water at 102, 148 and 174.
	Con VI	G. Charbonneau	Mar. 20, 1964	6	18	50	10	"	D, S	Quicksand 15; blue clay 80; coarse gravel 92. Water at 92.
	Con VI	"	Aug. 7, 1964	6	6	60	2	"	D	Sand 8; blue clay 50; grey hard limestone 110. Water at 110.
	Con VI	"	Oct. 19, 1964	6	8	50	30	"	D	Quicksand 15; blue clay 40; quicksand 80; grey limestone 155. Water at 155.
Caledonia Twp. Con I Con I Con IV Con VIII	L. Borris	Capital Water Supply	Mar. 15, 1961	5	2	100	20	Fresh	D	Sand gravel boulders 4; brownish limestone 50; grey black limestone 70; brownish grey limestone 110. Water at 53, 58 and 65.
	"	"	Dec. 8, 1961	8	12	25		"	D	Loam 2; blue limestone 50; blue grey limestone 82. Water at 45 and 70.
	"	M. Belanger	Aug. 20, 1964	6	17*	22	8	Salty	D	Clay 85; hardpan 88. Water at 88.
	"	Steeves Well Drilling	Jul. 25, 1962	6	7 1/2	165	38	Fresh	D, S	Fine brown sand 6; grey clay 136; fine grey gravel 141; grey shale 172; grey limestone 174. Water at 56 and 171.
	"	Bourgeois & Sanche	Apr. 24, 1961	5	3	45	30	"	D, S	Clay stones 60; fine sand 84; limestone. Water at 84.
	"	"								
East Hawkesbury Twp. Con I Con I Con I Con I Con I Con I Con I Con I Con I Con I Con I	L. Laviagne	M. Belanger	Nov. 22, 1963	6	100	100	14	Fresh	D	Sand gravel 50; limestone 100. Water at 97.
	B. Collette	"	Feb. 28, 1964	6	13	35	6	"	D	Fill boulder 12; brown limestone 72. Water at 65.
	V. Laliberté	"	Nov. 7, 1961	6	12	55	20	"	D	Gravel stone 12; hard grey rock 62. Water at 40.
	H. Seguin	"	Jul. 1, 1963	6	12	35	35	"	D	Fill gravel 6; limestone 100. Water at 95.
	G. Gray	"	May 9, 1961	6	7	32	13	"	D	Gravel 8; grey rock 32. Water at 28.
	M. Pharaud	"	Jun. 29, 1962	6	2	50	19	"	D	Topsoil 6; limestone 50. Water at 48.
	L. Cousineau	"	Jul. 31, 1961	6	10	35	55	"	D	Sand 7; hard rock 91. Water at 85.
	A. Nozon	"	Feb. 23, 1962	6	18	25	10	"	D	Sand gravel 10; grey rock 36. Water at 32.
	A. Berlinguette	"	Mar. 5, 1962	6	8	15	10	"	D	Sand Gravel 10; grey rock 40. Water at 36.
	"	"								
	"	"								

PRESBURY COUNTY - cont.  
East Hawkesbury Twp.-cont.

BP	19	R. Cousineau	M. Belanger	Aug. 19, 1962	6	4	65	35	Fresh	D	Dug well 12; limestone 65. Water at 50.
BP	19	A. Laroque	"	Nov. 20, 1962	6	12	60	55	"	D	Dug well 14; hard limestone 100. Water at 95.
BP	19	G. Guerrier	"	Jun. 3, 1963	6	13	25	12	"	D	Sand hardpan 12; limestone 44. Water at 40.
BP	19	M. Belanger	"	Jul. 6, 1963	6	10	23	12	"	D	Hardpan 4; limestone 68. Water at 50.
BP	21	G. Daudet	Trudeau & Pils Ltd.	Oct. 19, 1960	6	2	119	60	"	D	Turf 4; soft rock 8; grey limestone 119. Water at 117.
BP	21	J. Connors	M. Belanger	Aug. 10, 1962	6	7	120	70	"	D	Gravel sand 12; limestone 50; black hard granite 120. Water at 90.
BP	19	H. Dulude	"	Apr. 27, 1963	6	7	27	13	"	D	Gravel boulder 9; limestone 27. Water at 25.
BP	21	W. Kirby	"	May 3, 1963	6	8	100	55	"	D	Gravel 8; limestone 100. Water at 85.
BP	23	P. Little	"	Jan. 24, 1962	6	6	100	55	"	D	Gravel 5; grey rock 84. Water at 36.
BP	34	C. Chamallard	"	Apr. 20, 1961	6	13	55	30	"	D	Blue clay 43; rock 65. Water at 62.
BP	34	E. Laroque	"	May 23, 1961	6	6	55	30	"	D	Blue clay 54; grey rock 70. Water at 67.
BP	34	L. St Denis	"	May 30, 1961	6	7	60	30	"	D	Gravel 40; grey rock 60. Water at 52.
BP	35	C. Francis	"	Aug. 14, 1962	6	12	72	40	"	D	Red clay 20; blue clay 40; hardpan 54. Water at 50.
BP	36	C. Gray	"	Aug. 4, 1961	6	13	72	40	"	D	Gravel 36; rock 72. Water at 55.
BP	37	O. Bellelle	"	Aug. 10, 1961	6	14	20	3	"	D	Gravel 38; hardpan 42. Water at 42.
BP	37	R. Bellelle	"	May 2, 1964	6	14	20	3	"	D	Gravel 38; hardpan 42. Water at 42.
BP	37	R. Bellelle	"	May 2, 1964	6	14	20	3	"	D	Gravel 38; hardpan 42. Water at 42.
Con I	11	B.J. Grindrod	Trudeau & Pils Ltd.	Aug. 10, 1960	6	17	32	22	"	D	Topsoil boulders 15; grey clay 40; grey limestone 45. Water at 44.
Con I	34	W. Lalonde	"	Jun. 3, 1960	6	7	30	22	"	D	Clay 30; grey sand 36; grey gravel 40. Water at 36.
Con I	35	A. Menard	M. Belanger	Jul. 29, 1961	6	12	161	55	"	D	Sand 25; clay 70; sand 112; rock 161. Water at 110.
Con II	1	H. Bedard	"	Nov. 22, 1961	6	12	35	20	"	D	Clay sand 20; hardpan 78; rock 94. Water at 80.
Con II	12	C. Hamond	"	Sep. 20, 1962	8	33	40	13	"	D	Sand 4; clay 32; hardpan 46. Water at 38.
Con II	12	L. Legault	"	Jan. 30, 1964	6	5	50	12	"	D	Sand 10; grey clay 38; limestone 50. Water at 45.
Con II	23	E. Conway	Trudeau & Pils Ltd.	May 5, 1960	6	5	45	14	"	D	Broken rock 2; grey limestone 60. Water at 54.
Con III	6	G. Lauzon	M. Belanger	Nov. 16, 1964	6	3	130	35	"	D, S	Hardpan boulders 12; limestone 130. Water at 100.
Con III	16	E. Macduff	"	Mar. 19, 1964	6	10	70	20	"	D	Sand 10; clay 62; limestone 80. Water at 75.
Con III	29	T.H. Wylie	Trudeau & Pils Ltd.	Nov. 24, 1960	6	7 1/2	22	22	"	D, S	Dug 25; grey shale 4; grey limestone 133. Water at 127.
Con IV	3	S. Savve	"	Dec. 2, 1960	6	10	45	35	"	D, S	Black topsoil 4; grey clay 44; grey sand 94; grey gravel 112; grey sand 100; grey gravel 32. Water at 20.
Con IV	10	P. Brunette	"	Oct. 14, 1961	5	7	7	7	"	D	Grey sand 10; grey gravel 32. Water at 20.
Con IV	10	H. Cote	M. Belanger	Sep. 5, 1963	6	12	20	5	"	D	Hardpan 37. Water at 44.
Con IV	10	E. Leger	"	Sep. 18, 1963	6	12	20	5	"	D	Hardpan 37. Water at 44.
Con IV	24	S.S. B	"	Aug. 17, 1964	6	17	18	4	"	P	Clay gravel 18; hardpan 37; limestone 53. Water at 50.
Con IV	29	E.J. Ward	Trudeau & Pils Ltd.	Nov. 19, 1960	6	12 1/2	15	15	"	D	Gravel 21; grey limestone 24. Water at 19.
Con V	12	Bank of Montreal	"	Aug. 10, 1960	6	7	28	8	"	D	Topsoil boulders 10; grey gravel 30; grey limestone 44. Water at 41.
Con V	12	J. Turcotte	"	Aug. 17, 1960	6	10	17	13	"	D	Grey gravel 23; grey boulders 26; fine gravel 28; grey limestone 44. Water at 42.
Con V	12	B. Veilleux	M. Belanger	Mar. 28, 1962	6	6	32	12	"	D	Sand 30; hardpan 38; limestone 52. Water at 48.
Con V	12	E. Ganger	"	May 19, 1962	6	10	25	15	"	D	Gravel 40; limestone 60. Water at 50.
Con V	12	B. Doyon	"	Jun. 11, 1962	6	10	20	12	"	D	Hardpan 38; grey gravel 18; gravel pebbles 36; grey sand 42; grey limestone 47. Water at 43.
Con V	12	A. Sauve	"	Oct. 30, 1962	6	8	18	12	"	D	Brown turf 3; grey gravel 18; gravel pebbles 36; grey sand 42; grey limestone 47. Water at 43.
Con V	13	C. Cyr	Trudeau & Pils Ltd.	Dec. 5, 1960	6	15	25	10	"	D	Red topsoil 10; gravel 13; grey gravel 20; grey gravel 26; grey limestone 48. Water at 46.
Con V	13	Sinclair Supply Co.	"	Nov. 13, 1961	6	12	6	6	"	D	Red topsoil 10; gravel 13; grey gravel 20; grey gravel 26; grey limestone 48. Water at 46.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST LEVEL	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PRESCOTT COUNTY - cont. E. Hawkesbury Twp. cont.										
Con V " 16	Renger Bros.	M. Belanger	Jul. 16, 1964	6	15	30	18	Fresh	D	clay 60; hardpan 68. Water at 64.
Con V " 17	S. Albright	Steeves Well	Dec. 8, 1964	6	10	17	17	"	D,S	Boulder hardpan 35; limestone 55. Water at 50.
Con V " 20	E. Beneshigh	Drilling Reg'd Trudeau & Pils Ltd.	Dec. 2, 1964	6	17	16	14	"	D	Topsoil 20; grey gravel 30; grey limestone 92. Water at 75.
Con V " 29	J.D. Haughton	"	Nov. 17, 1960	6	18	4	2	"	D	Topsoil 3; grey boulders 12; gravel boulders 34; grey gravel 41; grey limestone 46. Water at 45.
Con V " 33	N. Edwards	Steeve's Well Drilling Reg'd G. Lefebvre	Jan. 4, 1964	6	10	17	17	"	D	Topsoil stone 8; red gravel 23; grey gravel 34; grey limestone 54. Water at 50.
Con V " 33	E. Carliner	"	Nov. 23, 1964	6	5	51	55	"	S	Hardpan 30; rock 73. Water at 73.
Con V " 33	N. Edwards	"	Dec. 6, 1964	6	4	45	77	"	D	Hardpan 60; rock 95. Water at 95.
Con VI " 1	R. Semkin	M. Belanger	Aug. 25, 1962	6	12	18	11	"	D	Topsoil 4; clay 30; hardpan 65; limestone 70. Water at 65.
Con VI " 18	Separate	Trudeau & Pils Ltd.	Sep. 7, 1960	6	17	45	20	"	D	Grey clay 57; grey gravel 81. Water at 81.
Con VI " 37	E. Barton	Steeves Well Drilling Ltd.	Jun. 5, 1963	6	30		18	"	D	Red gravel 20; grey boulders 46. Water at 46.
Con VIII " 6	F. Bonin	"	Nov. 30, 1961	6	15	35	7	"	D	Blue clay 88; hard grey rock 92. Water at 90.
Con VIII " 7	J.P. Lavigne	M. Belanger	Jan. 8, 1964	6	5	58	15	"	D	Dug well 12; grey clay 35; hardpan 55; limestone 58. Water at 57.
Con VIII " 17	J.C. Titlley	Steeves Well Drilling Ltd.	Mar. 16, 1962	6	10	43	28	"	D,S	Red gravel 37; grey gravel 63; grey limestone 71. Water at 69.
Con IX " 6	Separate	W. Cossette	Dec. 20, 1961	2	6	65	48	"	P	Boulders sand 74; black shale 140; blue limestone 152. Water at 152.
Con IX " 6	C. Roy	"	Dec. 11, 1964	6	5	57	79	"	D	Hardpan 50; gravel 70; rock 97. Water at 97.
Con IX " 11	C. MacDonald	G. Lefebvre Steeves Well Drilling Ltd.	Dec. 9, 1964	6	17	30	20	"	D,S	Old well 15; grey boulders gravel 40; limestone 48. Water at 35.
Core Con I " 9	B. Dechesne	Trudeau & Pils Ltd.	Dec. 12, 1961	6	10	55	22	"	D,S	Red topsoil boulders 10; coarse red gravel 21; fine grey gravel 53; grey limestone 59. Water at 57.
Core Con VIII " 3	A. Cardinal	Steeves Well Drilling Ltd.	May 11, 1962	6	17		6	"	D,S	Red clay 10; grey clay 22; grey gravel 48; grey shale 54. Water at 52.
Hawkesbury Town	A. Cowan	Steeves Well Drilling Reg'd	Sep. 20, 1963	6	3	55	15	Fresh	D	Red boulders gravel 31; fine grey gravel 60; grey limestone 139. Water at 135.
Hawkesbury Town	V. Conway	"	Sep. 27, 1963	6	3	160	75	"	D	Red boulders 14; gravel red sand 50; clay grey gravel 87; sand gravel 112; grey clay 122; grey gravel 130; grey quicksand 143; grey limestone 182. Water at 178.
Hawkesbury Town	G. Leblanc	"	Sep. 30, 1963	6	3	170	60	"	D	Red gravel boulders 55; grey quicksand 120; grey quicksand gravel 132; grey limestone 186. Water at 184.
Hawkesbury Town	R.J. Marin	"	Oct. 3, 1963	6	34	22	22	"	D	Red gravel 15; gravel sand 66; grey gravel 72; grey limestone 112. Water from 75 to 110.
Hawkesbury Town	E. Kelly	B. Campbell	May 8, 1964	5			21	"	D	Shale 16; rock 95. Water at 64.
Longueuil Twp.	Bertrand & Frere	J.B. Dufresne	Aug. 27, 1960	6	14	95	8	Fresh	C	Grey limestone 100. Water at 80.
	C.V. Bevarie	W. Cossette	Nov. 12, 1960	4	10	15	7 1/2	"	D,S	Brown clay 55; gravel 57 1/2. Water at 57 1/2.
	O. Meloche	"	Nov. 30, 1960	4	2	25	18	"	D,S	Brown clay 120; sand boulders 148; blue limestone 185. Water at 185.

PRESBOTT COUNTY - cont.  
Longueuil Twp. - lot 37

Ont.Dept. of Highways	M. Belanger	Oct.12,1961	6	13	40	10	Fresh	P	Sand clay 18;hardpan 35;grey rock 88. Water at 65. Grey clay 42;blue clay 120.
R. Chartrand	Trudeau & Fils Ltd.	Oct.26,1961	6					N	Clay 65;gravel. Water at 65. Clay 51;gravel 67. Water at 65. Dug well 10;clay 50;sand 58;hardpan 62. Water at 59. Shale limestone 200. Water at 25 and 185.
P. Scheinder	G. Brunette	May 18,1962	6	15	34	25	Fresh	D	Sand gravel 50;limestone 83. Water at 80. Shale 15;clay 25;limestone 35. Water at 34. Limestone 55. Water at 55. Sand gravel 17;limestone 102. Water at 40.
E. Lalonde	M. Belanger	May 20,1962	6	15	40	30	"	D	
L. Gougeon	J.B. Dufresne & Co.	Oct. 4,1962	6	18	30	18	"	P	
Imperial Oil Co.	J.B. Dufresne & Co.Ltd.	Oct.19,1962	6	1	100	20	"	C	
M. Perharand	B.W. Campbell	Nov. 9,1962	5	7	50	20	"	D	
A. Berthiaume	M. Belanger	Jun.15,1963	6	8	22	18	"	D	
A. Giroux	G.Charbonneau	Jul.31,1963	6	24	15	3	"	D	
M. Latreille	J.P. Brunette & Fils	May 20,1964	6	<1	102	15	"	D	
"Foyer" Prescott- Russell Home for the Aged	J.B.Dufresne & Co. Ltd.	Sep.23,1964	6	12 1/2	31	14	"	P	Clay boulders 20;sand 33;limestone 180. Water at 37, 120 end 175.
L'Original Village L'Original Vilg.	Polaskin Well Drillers	Jan.20,1960	5	5	23	15	Fresh	D	Clay 15;hardpan 20;limestone 60. Water at 50.
P. Beaulne	W. Cossette	Mar. 8,1960	5	5	15	10	"	D	Clay 20;limestone 30. Water at 25.
E. Langlois	Dec. 3,1960	5	5	50	30		"	D	Brown clay 45;sand boulders 70;hardpan 72. Water at 72.
H. Lort	G.Charbonneau	Sep.19,1962	5	18	40	18	"	D	Loose shale 55;brown shale 64. Water at 64.
A. Arcand	J.P. Brunette	Nov.16,1962	5	20	40	30	"	D	Gravel 33;limestone 80. Water at 74.
W. Thompson	B.W.Campbell	Nov.18,1962	5	7 1/2	75	20	"	D	Sand gravel 60;limestone 105. Water at 82.
B. Hotte	J.P. Brunette	Nov.18,1962	5	33	20	16	"	D	Clay 20;gravel 32;limestone 52. Water at 40.
Y. Deschamps	Dec. 8,1962	5	4	60	16		"	D	Gravel 33;limestone 60. Water at 40.
J. Lauzon	Jan. 3,1963	5	5	60	18		"	D	Hardpan boulder 37;limestone 120. Water at 105.
W. Atkins	B.W. Campbell	Jun.28,1963	5	5	20	20	"	D	Dark sandy gravel 1921. Water at 73.
E. Nelson	Aug. 2,1963	5	50	20	18		"	D	Sand 40;rock 132. Water at 83.
A. Simard	M. Belanger	Nov.11,1963	5	6	90	25	"	D	Clay gravel 36;limestone 115. Water at 110.
A. Arcand	J.P. Brunette & Fils	May 2,1964	6	20	20	7	"	D	Clay 8;shale 80. Water at 60.
A. Havery	V. Cossette	May 15,1964	6	3	45	5	"	D	Topsoil 5;shale 45. Water at 40.
A. Simard	M. Belanger	May 27,1964	6	2 1/2	28		"	D	Limestone 106. Water at 104.
J. M. Rispel	B. Campbell	Sep.20,1964	6	10	67	18	"	D	Gravel boulders 42;limestone 67. Water at 65.
B. Confois	M. Belanger	Oct. 1,1964	6				"	D	Stone topsoil 14;rock 85. Water at 79.
M. Hess	J.P. Brunette	Nov. 4,1964	8	7	58	20	"	D	Clay 32;sand gravel 38;limestone 58. Water at 36.
A. Arcand	"	Nov.25,1964	8	30	50	12	"	D	Topsoil 7;bedrock 104. Water at 70.
	"	Dec.15,1964	6	20	28	9	"	D	Topsoil 7;bedrock 52. Water at 42.
N. Plantaganet Twp. BF lot 34	M. Cossette	Mar.12,1961	3	15	80	48	Salty	D,S	Clay sand layers 30;blue clay 200;boulders sand 220;grey limestone 24. Water at 243.

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PRESCOTT COUNTY - cont.										
N. Plantagenet Twp. cont.										
Con I	E. Leclair	G. Charbonneau	Jun. 3, 1961	2	3	75	30	Fresh	D	Gravel 18; grey limestone 83. Water at 83.
Con I	R. Fredette	V. Cossette	Apr. 11, 1964	2	4	60	33	"	D	Gravel boulders 6; limestone 65; sandstone 106. Water at 103.
Con I	M.L. Benoit	W. Cossette	Apr. 28, 1961	2	3	40	27	"	D	Brown clay 88; grey limestone 140; sandstone 158. Water at 5158.
Con I	"	G. Charbonneau	Jun. 17, 1964	6	6	150	30	Salty	D, S	Blue clay 190; grey limestone 329. Water at 329.
Con I	"	"	May 25, 1964	6	6	200	4	Sulphur	D, S	Grey limestone 350. Water at 350.
Con II	"	"	Jul. 24, 1964	2	6	20	Flows	Fresh	D, S	Blue clay 60; coarse gravel 100. Water at 100.
Con II	"	"	Aug. 26, 1964	6	10	50	30	"	D, S	Blue clay 118; grey limestone 132. Water at 132.
Con III	"	J. E. Jufresne & Co. Ltd.	May 24, 1962	6	4	120	35	"	D, S	Blue clay 80; sand gravel 174; grey limestone 280. Water at 175.
Con III	"	G. Charbonneau	Jun. 24, 1964	6	18	50	30	Salty	C	Blue clay 130; quicksand 133; black shale 144. Water at 144.
Con IV	"	A. Laframboise	Sep. 29, 1964	5	5	175	100	Fresh	C	Quicksand 15; blue clay 128; quicksand 161; gravel 196; slate 195. Water at 194.
Con V	"	G. Charbonneau	May 28, 1964	6	10	60	50	"	D	Quicksand 10; blue clay 85; coarse gravel 105. Water at 105.
Con V	"	B. Campbell	Jun. 9, 1962	5	3	286	246	"	D, S	Previously drilled 11; limestone 286. Water at 286.
Con VII	"	G. Charbonneau	May 25, 1961	2	6	20	1	Salty	D, S	Blue clay 80; sand boulders 99; brown slate 152. Water at 99.
Con XII	"	McLean Water Supply Ltd.	Mar. 17, 1960	5	3	50	25	"	D	Salt clay 30; clay 180; sand boulders 203; limestone 332. Water at 180, 203 and 332.
Con XIII	"	Ins. Co.	Aug. 30, 1963	6	10	55	35	Fresh	D	Grey clay 145; hardpan 158. Water at 152.
Con XIV	"	M. Belanger	May 15, 1960	5	4 1/2	90	40	Salty	P	Brown topsoil 20; blue clay 87; grey limestone 233. Water at 230.
Con XVIII	"	A. Bourdon	Jan. 3, 1964	5	20	4	4	Fresh	In	Blue clay 54; coarse gravel 55. Water at 54.
Con XVII	"	E. Bouleau	Jun. 10, 1962	4	20	10	10	"	D	Red clay 50; gravel 55. Water at 55.
Con XX	"	L. Lalonde	Mar. 20, 1963	5	8	9	9	Sulphur	S	Topsoil 6; rock 156. Water at 150.
Vankleek Hill Town	O.W.R.C.	McLean Water Supply Ltd.	Dec. 30, 1960	10	15	132	79	Fresh	T 1-61	Boulder clay 45; blue clay hardpan 80; fine sand 125; boulder clay 165; gravel 169; limestone shaly sandy particles 275. Water from 120 to 125 and at 215.
Vankleek Hill Town	D. Laverne	F. Johnston	Jan. 3, 1961	5	12	65	55	"	C	Sandy loam boulders 15; fine grey sand stones 40; fine grey sand and blue clay 60; fine grey sand stones 100; fine grey gravel 110; coarse gravel 115. Water at 100 and 115.
Vankleek Hill Town	O.W.R.C.	McLean Water Supply	Jan. 12, 1961	10	77	124	58	"	T 2-61	Sand gravel 19; clay boulders 85; sand gravel 116; hardpan 126; limestone 185. Water at 105, 130 and 175.
Vankleek Hill Town	"	"	Feb. 13, 1961	10	160	43	Flows	Sulphur	T 3-61	Boulder clay gravel 36; sand gravel 40; limestone 85. Water from 40 to 45.
Vankleek Hill Town	Sinclair Supply Ltd.	Trudeau & Fils Ltd.	May 5, 1961	6	10	53	25	Fresh	D	Red gravel 12; red quicksand 68; grey hard limestone 114. Water at 110.
Vankleek Hill Town	C.C. McKinnon	"	May 12, 1961	6	10	31	21	"	D	Red clay 30; red quicksand 84; grey fine gravel 86; grey hard limestone 114. Water at 112.
Vankleek Hill Town	Sinclair Supply Ltd.	"	Sep. 8, 1961	6	11	35	15	"	D	Brown sand 47; grey sand gravel 53; grey shale 63; grey limestone 75. Water at 68.
Vankleek Hill Town	Nordia Ltd.	Steeves Well Drilling	Apr. 28, 1962	10	7	328	7	"	In	Coarse red gravel 10; fine grey gravel 41; fine grey shale 56; fine grey limestone 186; brown limestone 266; light b.o.w. shale 328. Water at 57.
Vankleek Hill Town	Twp. School Area Board	E.W. Campbell	Dec. 20, 1962	5	11	80	40	"	P	Sand gravel 113; rock. Water at 40.



PRESBOTT COUNTY - cont.  
W. Hawkesbury Twp. cont.  
Bf Lot -common

	R. Casson	Roy & Son Reg'd	May 25, 1961	6	5	24	4	Fresh	D	
" 1	J. Archambault	"	Apr. 26, 1961	6	5	20	2	"	D	Hardpan boulders 20; quicksand 23; coarse gravel 25; limestone 58. Water at 55.
" 1	J.F. Cody	"	Apr. 29, 1961	6	5	20	Flows	"	D	Gravel boulders 26; limestone 45. Water at 45.
" 1	J. Renaud	"	May 6, 1961	6	33	25	5	"	D	Gravel boulders 28; limestone 38. Water at 38.
" 1	A. Cadieux	"	May 8, 1961	6	5	15	4	"	D	Gravel boulders 24; limestone 60. Water at 60.
" 1	P. Aborameh	"	May 11, 1961	6	60	16	4	"	D	Gravel boulders 32; limestone 37. Water at 37.
" 1	P. Aborameh	"	May 13, 1961	6	7	25	4	"	D	Gravel boulders 28; limestone 55. Water at 55.
" 1	P. Aborameh	"	May 13, 1961	6	10	25	10	"	D	Gravel boulders 28; limestone 59. Water at 59.
" 1	A. Cadieux	"	May 30, 1961	6	8	20	25	"	D	Gravel boulders 21; limestone 44. Water at 44.
" 1	A. Cadieux	M. Belanger	May 30, 1961	6	8	48	45	"	D	Gravel boulders 38; limestone 48. Water at 48.
" 1	A. Cadieux	"	Sep. 24, 1964	6	18	20	20	"	D	Gravel 38. Water at 33.
" 1	A. Lalonde	"	Sep. 29, 1964	6	5	20	18	"	D	Gravel 35; quicksand 38; limestone 50. Water at 33.
" 4	E. Gray	"	Sep. 19, 1961	6	5	50	18	"	D	Gravel 3; grey rock 78. Water at 65.
" 4	M. Lascelle	"	May 14, 1962	6	5	78	7	"	D	Gravel 10; limestone 60. Water at 55.
" 4	Imperial Oil	"	May 25, 1962	6	10	23	18	"	D	Gravel 10; limestone 105. Water at 100.
" 7	Taggart	"	Sep. 10, 1963	6	15	20	20	"	D	Clay 55; hardpan 70. Water at 65.
" 15	Transport	W. Cossette	Nov. 12, 1960	3	8	25	15	"	C	Blue clay 60; gravel boulders 70; hardpan 73; soapstone 78; grey limestone 89. Water at 89.
" 15	L. Seguin	M. Belanger	May 20, 1964	6	8	22	18	"	D	Clay 38; hardpan 58. Water at 36.
" 16	K. Roy	"	Dec. 14, 1963	6	13	18	6	"	D	Grey clay 35; hardpan 46. Water at 42.
" 16	E. Roy	"	Sep. 9, 1964	6	10	38	18	"	D	Grey clay 30; gravel 38. Water at 35.
" 2	P. Beaudoin	J.B. Dufresne	Oct. 2, 1961	6	1	200	15	"	D	Blue clay 10; grey limestone 275. Water at 160.
" 9	L. Higginson	M. Belanger	Aug. 22, 1961	6	2	92	8	"	D	Sand 16; grey rock 92. Water at 60.
" 10	J. Calvank	"	Jul. 5, 1962	6	105	35	35	"	D	Sand 5; hardpan 21; limestone 105. Water at 45.
" 10	H. Higginson	"	Jun. 28, 1964	6	5	20	3	"	D	Boulder hardpan 17; limestone 39. Water at 37.
" 11	E.P. Renaud	"	Aug. 18, 1961	6	8	25	15	"	D	Hardpan 35; limestone 70. Water at 55.
" 11	G. Stevens	Trudeau & Fils Ltd.	Oct. 27, 1960	6	2	100	26	"	D	Topsoil 10; soft rock 12; grey limestone 100. Water at 90.
" 9	I. Sproule	Steeves Well Drilling Reg'd	Jun. 25, 1963	6	4	74	26	"	D	Red gravel 24; grey limestone 85. Water at 79.
" 9	J. Kirby	"	Nov. 28, 1964	6	18	25	25	"	D	Gravel boulders 25; limestone 40. Water at 38.
" 10	H. Belanger	"	Sep. 12, 1962	6	130	17	17	"	D	Hardpan 29; limestone 130. Water at 55.
" 3	B.M. MacDonald	B.W. Campbell	Aug. 2, 1964	6	60	27	27	"	D	Gravel large boulders 60; rock 127. Water at 110.
" 5	L. McGe	"	Jul. 27, 1964	6	5	45	12	"	D	Gravel boulders 21; hardpan 45. Water at 41.
" 8	C.A. C. Town of Vankleek Hill	Steeves Well Drilling Reg'd	ret. 20, 1964	10	40	12	2	"	T	Grey clay 10; grey clay gravel 12; hardpan 30; soft grey limestone 49; gravel light brown limestone 59; dark grey limestone 94. Water from 32 to 36.
" 9	"	"	Jan. 16, 1964	10	100	14	6	"	T	Brown muck 8; reddish brown sand gravel 18; dark grey limestone 26. Water at 18.
" 9	"	"	Feb. 10, 1964	10	9	117	3	"	T	Black topsoil 51; rust colour sand 10; clay stones sand 15; quicksand 36; clay sand gravel 44; quicksand clay 50; sand gravel fine silt 56; soft grey limestone 72; brown limestone 117. Water at 10, 18 to 36, 50, 56 to 59; 97 to 102.
" 13	"	"	Dec. 23, 1963	10	20	115		"	T	Black topsoil 51; grey sandy clay 12; grey gravel 25; soft black shaly limestone 65; hard grey shaly limestone 98; hard brown limestone 115. Water at 65 and 98.
" 14	A.N. Rolfe	Trudeau & Fils Ltd.	Sep. 1, 1960	6	60	150	48	"	D	Red gravel 39; gravel boulders 42; quicksand 54; gravel boulders 57; grey gravel 115; grey limestone 150. Water at 128.
" 5	B.J. Lavigne	B.W. Campbell	Jul. 23, 1964	5	6	40	20	"	D	Boulder gravel 46; hard rock 175. Water at 140.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



## BENFREW COUNTY - cont.

[illegible]

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
RENFREW COUNTY - cont. Alice Twp. - cont.										
Con B lot 11	E. Malon	C. Munro	May 30, 1962	6	5	55	35	Fresh	D	Dug well 12; clay 60; cemented sand gravel 100; red granite 135. Water at 130.
Con P " 25	D. Negora	Pembroke well Drilling	Apr. 13, 1962	5	7	10	10	"	D	Dug well 15; hardpan 18; grey granite 95. Water at 85.
Con B " 25	S.S. 2. N. Alice	C. Munro	May 19, 1962	6	5	100	4	"	P	Sandy hardpan 3; grey granite 162. Water at 80 and 155.
Con B " 25	F. Prodnose	"	Aug. 2, 1963	6	8	80	30	"	D	Dug well 7; grey granite 84. Water at 81.
Con B " 26	B. Prodnose	V. Marquardt	Dec. 28, 1960	6	6	80	10	"	D	Hardpan 70; grey granite 115. Water at 110.
Con B " 26	Ont. Dept. of Highways	M. Marquardt	Jan. 8, 1963	6	25	30	9	"	P	Hardpan clay 56; shale 63; grey granite 100. Water at 75 and 95.
Con B " 32	D. MacCosham	C. Munro	Sep. 28, 1964	6	5	40	12	"	D	Dug well 12; red granite 20; grey granite 55. Water at 30 and 52.
Con B " 35	B. Splinter	"	Jul. 30, 1962	6	5	40	22	"	D	Clay hardpan 62; grey granite 70; gravel 72. Water at 70.
Con B " 35	J. Jones	"	Aug. 14, 1962	6	5	30	20	"	D	Clay 30; grey granite 37. Water at 32.
Con B " 36	R. Biggs	"	Dec. 18, 1962	6	1	90	28	"	D	Sandy hardpan 20; sand 64; grey granite 107. Water at 70, 84, and 105.
Con B " 36	N. Muhlen	"	Mar. 15, 1963	5	5	45	36	"	N	Sand 20; silt 61; red granite 71. Water at 69.
Con B " 36	M. Loose	C. Munro	Apr. 26, 1963	7	1	140	45	muddy	N	Sandy loam 3; silt 35; hardpan boulders 40; red granite 80; grey granite 140. Water at 80 and 130.
Con B " 36	"	"	May 16, 1963	6	1	202	44	Fresh	D	Sandy loam 3; silt 30; clay hardpan 55; red granite 75; black granite 90; red granite 202. Water at 75 and 184.
Con B " 40	A. Marintveld	"	Sep. 14, 1962	6	5	40	35	"	D	Dug well 18; hardpan boulders 38; red granite 51. Water at 48.
Con B " 40	J. Flowers	M. Marquardt	Jun. 20, 1963	5	2	46	3	"	D	Clay 12; grey granite 51. Water at 49.
Con B " 40	P. Gorr	"	Jul. 5, 1963	5	4	130	28	"	D	Tiled well 24; hardpan 30; grey granite 90; coarse red rock 147. Water at 115 and 140.
Con IX " 24	A. Beiner	C. Munro	Sep. 14, 1962	5	4	80	12	"	D	Dug well 10; grey granite 84. Water at 80.
Con X " 11	N. Alice Twp. School # 5	C.V. Morrison	Oct. 26, 1960	5	2	48	30	"	P	Fine sand 20; clay boulders 27; grey granite 48. Water at 44.
Con X " 22	A. Tecoskie	C. Munro	Nov. 3, 1961	6	10	60	30	"	D	Sandy loam 2; grey granite 108. Water at 60 and 106.
Con X " 30	F. Wendorf	"	May 3, 1963	6	119	6	6	"	D	Sandy loam 4; grey granite 119. Water at 40 and 112.
Con XI " 30	P. Doering	H. Giffin	Aug. 27, 1962	5	85	15	15	"	D	Sand 9; red granite 95; grey red granite 109. Water at 75.
Con XII " 29	P. Hamilton	C. Munro	Aug. 10, 1962	6	5	20	8	"	D	Dug well 7; red granite 28. Water at 25.
Con XIII " 30	D. Bosch	"	May 1, 1961	5	2	65	20	"	D	Brown hardpan 3; broken grey granite 18; grey granite 73. Water at 65.
Con XIV " 30	N. Alice School No. 1	"	Sep. 25, 1961	5	4	180	28	"	P	Clay 30; sandy hardpan 40; grey granite 188. Water at 60 and 140.
Con XIV " 30	S. Kregor	"	Dec. 20, 1962	6			21	"	D	Dug well 24; boulder 27; sandy hardpan boulders 36. Water at 24.
Amnprior Town										
Amnprior Town	D. Murray	K. Presley	May 18, 1960	5	13	8	8	Fresh	D	Sand 12; limestone 45. Water at 43.
Amnprior Town	R.W. Neumann	A. Stanton	Jun. 7, 1962	5	20	35	20	"	D	Clay 65; grey limestone 118. Water at 115.
Amnprior Town	B. Levy	"	Jul. 10, 1962	6	8	175	30	"	D	Sand stone 5; grey limestone 187; brown sandstone 189. Water at 83 and 189.
Amnprior Town	J. Emils	J.E. Dufresne & Co.	Nov. 17, 1964	6	1	120	30	"	D	Sand 24; limestone granite 140. Water at 120 and 130.

# RENFREW COUNTY - cont.

Con	Lot	A. Weir	H. Girfin	Jun. 20, 1964	3	11	40	20	Fresh	D	
Con I	"	"	"	Oct. 26, 1964	5	6	50	30	"	D, S	Clay gravel 4; grey granite 46; dark sandstone biotite 74; brown sandstone 85. Water at 61 and 82.
Con II	"	M. Kippen	"								Sand boulders 20; granite conglomerate 30; pink white feldspar sandstone 65; coarse sandstone limonite 129; coarse feldspar conglomerate 133. Water at 65 and 129.
Con II	"	G. Lavallee	K. Presley	May 24, 1961	5	5	110	20	"	D, S	Red sandy granite 10; grey granite 110. Water at 109.
Con II	"	"	G.H. Law	Aug. 23, 1962	5	8	121	12	"	D, S	Previously drilled 109; black granite 121. Water at 120.
Con II	"	W.D. Stewart	C. Goodberry Well Drilling Ltd.	Jan. 27, 1960	6	10	100	32	"	D	Sand boulders 34; shale 39; red granite 148; grey rock granite 155; red granite 175. Water at 55, 148 and 170.
Con II	"	Canadian Legion	C.V. Morrison	Jun. 9, 1960	5	15	30	12	"	P	Brown gravel loam 2; red grey granite 38; red granite 41. Water at 38 and 41.
Con V	"	Renfrew	G. Law	Jun. 26, 1961	5	16	50	12	"	D	Sandy loam 4; grey granite 72. Water at 67.
Con VIII	"	L. Mulvihill	McLean Water Supply Ltd.	Jul. 4, 1962	7	6	50	15	"	D	Sand boulders 21; grey granite 60. Water at 60.
Con VIII	"	A. H. Newman	G.H. Law	Aug. 14, 1963	5	10	35	17	"	D	Hardpan boulders 23; fine brown sand 25; grey granite 72; red granite 90; black granite 100. Water at 60, 75 and 97.
Con VIII	"	J. Inglehart	"								Grey granite 59. Water at 56.
Con VIII	"	J. Wagorn	J.C. Russell	Jul. 31, 1964	6	10	45	18	"	D	Topsoil 3; black granite 70. Water at 67.
Con IX	"	W. Harvey	G.H. Law	Jul. 14, 1962	5	8	21	10	"	D	Loam 3; limestone 19; black granite 44. Water at 50.
Con IX	"	R. McNulty	"	Oct. 24, 1962	5	18	23	16	"	D, S	Loam 4; grey granite 71. Water at 68.
Con IX	"	M. Riopelle	"	Dec. 9, 1961	5	8	22	7	"	D	Sand loam 7; granite 30; grey limestone 87. Water at 80.
Con IX	"	J. Camelon	"	Jun. 15, 1963	5	8	87	10	"	D	Clay sandy material 10; dark coarse conglomerate rock 50; full sized water worn pebbles centred in rock by calcite or limonite conglomerate 80. Water at 18 and 75.
Con IX	"	V. Gannon	R. Girfin	Jul. 18, 1963	5	18	15	12	"	D	bluish limestone 80. Water at 18 and 75.
Con IX	"	"	G.H. Law	Oct. 29, 1923	6	24	25	20	"	D	Sand loam 2; shale limestone 4; grey limestone 60; pink limestone 66; grey white pink limestone 104. Water at 60 and 100.
Con X	"	W.J. Calhane	"								Sand 4; limestone 100. Water at 90.
Con X	"	W. Elliott	"	Aug. 1, 1963	6	8	100	12	"	D	Red loam 3; black granite 57. Water at 45 and 55.
Con X	"	A. Smith	J.C. Russell	Oct. 15, 1964	5	20	26	19	"	D	Hardpan 2; black shale 30; grey limestone 52. Water at 46.
Con X	"	C. Sandell	G.H. Law	May 5, 1960	5	7	23	7	"	D	Fill 2; grey limestone 60. Water at 50.
Con X	"	W. Pinkham	"	Apr. 22, 1961	5	18	20	5	"	D	Topsoil 8; grey limestone 88. Water at 80.
Con X	"	M. Murphy	"	May 23, 1961	5	16	25	7	"	D	Limestone 140. Water at 140.
Con X	"	R. Gagnon	"	Mar. 30, 1961	5	10	27	4	"	D	Grey granite 100. Water at 98.
Con X	"	R. Warby	"	Sep. 20, 1961	5	16	5	Flows	"	D	Brown sand 4; shale granite 58; limestone 133. Water at 70 and 130.
Con X	"	E. Campbell	"	May 17, 1963	6	5	133	22	"	D	Sand 5; granite 40; limestone 65. Water at 50 and 63.
Con X	"	E.T. McNamara	"	May 24, 1963	6	5	30	5	"	D	Topsoil 3; grey limestone 75. Water at 40.
Con X	"	C. Murphy	"	May 30, 1963	5	14	25	5	"	D	Clay boulders 10; conglomerate & grey granite 84; grey limestone crystalline limestone phlogopite 110. Water at 106.
Con X	"	G. Church	H. Girfin	May 2, 1964	5	2	75	10	"	D	Hardpan 5; gravel 63. Water at 62.
Con X	"	"	"								Topsoil 2; black granite 64. Water at 55.
Con X	"	M. Mulvihill	G. Law	Sep. 2, 1960	5	6	25	19	"	D, S	Sandy loam 7; grey granite 60. Water at 57.
Con XI	"	W. Brighton	"	May 17, 1962	5	8	20	13	"	C	Loam 21; grey limestone 52. Water at 47.
Con XI	"	R. Gannon	"	Nov. 14, 1962	5	8	61	17	"	D	Brown sand 10; white limestone 75. Water at 70.
Con XI	"	C. Foster	"	Mar. 30, 1960	5	7	17	12	"	D	Brown sand 11; crystalline limestone 11; grey limestone 37; conglomerate rock 64; hard green granite gneiss 68. Water at 37 and 64.
Con XI	"	F. Duffy	"	Jun. 4, 1960	5	8	43	12	"	D	
Con XI	"	J. Sparrow	A. Girfin	Mar. 16, 1962	5	3	50	20	"	D	

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
RENFREW COUNTY - cont.										
Bago Twp. - lot 18 Con XI	D.H.O.	M. Marquardt	Oct. 26, 1963	6	8	185	12	Fresh	D	Hardpan boulders 8; granite 20; grey granite 55; limestone 75; grey granite 202. Water at 45, 65 and 195.
Con XI	A. Kenopic	H. Giffin	Jul. 9, 1964	5	4	38	12	"	D	Clay loam boulders 23; dark aged granite biotite conglomerate rock bands red granite 35; dark granite limonite cementing 53. Water at 40 and 50.
Con XI	C.G. Heise	G. Law	Dec. 22, 1960	5	12	23	12	"	D, S	Blue clay hardpan 42; grey granite 102. Water at 100.
Con XII	D. Stoughton	H. Giffin	Mar. 29, 1962	5	3 1/2	70	18	"	D	Brown sand gravel 11; dark granite gneiss 35; grey limestone 54; dark granite 58; granular grey limestone 108. Water at 54 and 101.
Con XII	L. Sherman	G. Law	May 26, 1961	5	16	45	15	"	D	Sandy gravel 20; grey granite 109. Water at 100.
Con XI	M. Norton	"	Nov. 23, 1963	6	24	35	6	"	D	Sand 3; grey granite 40; white limestone 57. Water at 55.
Con XII	T. Culhane	"	Dec. 9, 1960	5	12	12	12	"	D, S	Blue clay 40; grey granite 84. Water at 80.
Barry's Bay Village Barry's Bay Vlg.	M. Mantha	V.H. Marquardt & Sons	May 5, 1960	5	3	65	10	Fresh	C	Brown topsoil 3; grey granite 80. Water at 30.
Barry's Bay Vlg.	C. Haldebanit	"	Oct. 17, 1960	5	4	100	30	"	D	Previously drilled 90; grey granite 162 1/2. Water at 162.
Barry's Bay Vlg.	S. Palloheski	"	Mar. 3, 1961	4	3	50	12	"	D	Hardpan 3 1/2; grey granite 66 1/2. Water at 66.
Barry's Bay Vlg.	D. Villeneuve	"	Apr. 3, 1961	4	5	150	17	"	D	Old well 17; grey granite 350. Water at 348.
Barry's Bay Vlg.	E. Ambleski	"	May 12, 1961	5	2	100	7	"	D	Brown topsoil 6; grey granite 213. Water at 212.
Barry's Bay Vlg.	P. Brezenski	"	Oct. 25, 1961	5	1	39	5	"	D	Sand 31; grey granite 39. Water at 38.
Barry's Bay Vlg.	D. Dupuis	"	Nov. 21, 1961	5	1	65	25	"	D	Old dug well 26; hardpan 32; grey granite 65. Water at 64.
Barry's Bay Vlg.	S. Couhas	"	Nov. 21, 1961	4	1	127 1/2	15	"	D	Old well 16; grey granite 127 1/2. Water at 100.
Barry's Bay Vlg.	D. Golia	"	Jan. 30, 1962	5	2	90	27 1/2	"	D	Clay brown sand 27; hard grey granite 41; hard grey sandstone biotite 53; hard grey granite 95; hard grey sandstone 138. Water at 83 and 135.
Barry's Bay Vlg.	J. Hanson	V.H. Marquardt	May 24, 1962	5	10	85	25	"	C	Gravel 110; medium coarse gravel 117. Water at 115.
Barry's Bay Vlg.	A. Yantha	"	Aug. 13, 1962	5	5	70	20	"	D	Hardpan 17; grey granite 119. Water at 118.
Barry's Bay Vlg.	A. Yantha	"	Oct. 10, 1963	5	2 1/2	95	31	"	D	Brown topsoil 8; hardpan 30; large stones gravel 43; grey granite 110. Water at 100.
Barry's Bay Vlg.	A. Etenskie	"	Nov. 12, 1963	5	1	147	35	"	D	Old well 63; grey granite 150. Water at 135.
Barry's Bay Vlg.	O. J. Conway	E.V. Marquardt	May 26, 1964	5	25	30	25	"	D	Hardpan 22; grey granite 58 1/2. Water at 40 and 55.
Barry's Bay Vlg.	J.A. Conway	"	Jul. 2, 1964	6	20	100	70	"	N	Filled well 25; quicksand 200; dirty gravel 240. Water from 200 to 240.
Blithfield Twp. Con I	G. Stroughton	H. Giffin	Dec. 31, 1964	5	7	45	12	Fresh	D, S	Clay boulders 75; fine sandstone 105; dark sandstone biotite 132. Water at 128.
Con I	K. Bolt	G. Law	Sep. 30, 1961	5	4	50	7	"	D	Sandy loam 10; grey granite 50. Water at 48.
Con II	E. Cockwell	J.C. Russell	Aug. 28, 1964	5	10	86	48	"	D	Gravel boulders 18; broken rock 25; granite 135. Water at 135.
Con II	W.R. Moore	"	May 7, 1964	5	4	18	2	"	D	Clay boulders 59; granite 61. Water at 59.
Con IV	J.E. French	H. Giffin	Jan. 3, 1964	5	35	35	17	"	D	Fine sand boulders 50; medium gravel 55 1/2. Water at 50.
Con XIII	J. Wallace	G. Law	Jun. 13, 1960	5	8 1/2	22	6	"	P	Blue clay 5; gravel 20; grey limestone 59. Water at 54.



Locality	Section	Stratigraphic Unit	Age	Notes	Remarks					
Braeside Village	A. Stanton	Braeside Vlg.	Apr. 15, 1960	6	10	42	20	Fresh	P	Grey limestone 145. Water at 70, 123 and 140.
Braeside Village	"	"	Apr. 23, 1960	6	10	120	70	"	P	Grey limestone 201. Water at 61, 97, 180 and 190.
Braeside Village	"	"	May 1, 1960	6	10	70	40	"	P	Grey limestone 209. Water at 67, 113 and 177.
Braeside Village	"	"	May 18, 1960	6	10	78	57	"	P	Grey limestone 178. Water at 90, 164 and 200.
Braeside Village	"	"	Aug. 16, 1960	5	12	39	24	"	P	Loam stones 5; grey limestone 165. Water at 93, 137 and 161.
Braeside Village	"	"	Aug. 28, 1960	5	15	180	172	"	D	Shale 4; grey limestone 284. Water at 165, 213 and 272.
Braeside Village	"	"	Mar. 11, 1961	5	10	163	18	"	D	Grey limestone 153; red limestone 187; grey limestone 234. Water at 74, 193 and 230.
Braeside Village	"	"	Apr. 23, 1962	6	20	280	126	"	D	Shale 15; grey limestone 165; red limestone 213; grey limestone 345. Water at 165, 287 and 315.
Braeside Village	"	"	May 1, 1963	6	8	150	73	"	D	Sand gravel 5; grey limestone 160; red limestone 203; grey limestone 264. Water at 160 and 262.
Braeside Village	"	"	Jun. 24, 1963	5	10	145	143	"	D	Shale 5; grey limestone 285. Water at 213 and 285.
Braeside Village	"	"	Mar. 13, 1961	5	18	20	10	"	D,S	Blue clay 70; gravel 73; grey granite 102. Water at 100.
Braeside Village	"	"	Nov. 2, 1962	5	3	30	17	"	D,S	Clay hardpan 47; gravel 49; limestone 52. Water at 49.
Braeside Village	"	"	Nov. 10, 1962	5	3	25	11	"	S	Clay hardpan boulders 30; gravel 31. Water at 31.
Braeside Village	"	"	Jun. 13, 1962	6	3	40	18	"	D	Hardpan boulders 60; grey granite 135. Water at 130.
Braeside Village	"	"	Sep. 12, 1962	6	2	40	20	"	S	Dug well 26; dolomite 62. Water at 60.
Braeside Village	"	"	Sep. 25, 1962	6	3	25	14	"	S	Clay hardpan 30; gravel 33. Water at 33.
Braeside Village	"	"	Aug. 16, 1964	6	3	40	18	"	D	Clay 10; sand 14; granite dolomite mixture 142. Water at 138.
Braeside Village	"	"	Aug. 26, 1964	6	4	25	10	"	D	Shaly dolomite 28. Water at 26.
Braeside Village	"	"	Jan. 25, 1961	5	100	15	15	"	S	Old well 17; clay 33; grey granite 130. Water at 129.
Braeside Village	"	"	Jan. 12, 1961	5	3	130	15	"	S	Clay 12; granite 153. Water at 152.
Braeside Village	"	"	Dec. 19, 1964	5	3	25	6	"	S	Dug well 7; hardpan 19; grey granite 38. Water at 24.
Braeside Village	"	"	Jan. 3, 1964	6	4	110	6	"	S	Clay loam 3; dolomite 80; grey granite 120. Water at 30, 94 and 116.
Braeside Village	"	"	Oct. 22, 1964	6	3	25	19	"	S	Clay boulders 26; black granite 36. Water at 34.
Braeside Village	"	"	Feb. 9, 1960	4	6	80	12	"	D	White clay 30; clay 90; grey granite 200; green granite 213. Water at 60 and 140.
Braeside Village	"	"	Sep. 5, 1961	6	1	130	15	"	D,S	Clay 14; conglomerate 135. Water at 88 and 130.
Braeside Village	"	"	Apr. 1, 1963	6	5	Flows	Flows	"	D	Clay 77; gravel 78. Water at 78.
Braeside Village	"	"	Aug. 26, 1961	6	5	30	"	"	S	Blue clay 110; gravel 113. Water at 113.
Braeside Village	"	"	May 29, 1964	6	5	"	"	"	S	Blue clay 106; dolomite 146. Dry hole.
Braeside Village	"	"	Jun. 5, 1964	8	5	Flows	"	"	S	Blue clay 111; gravel 113; dolomite 122. Water at 113.
Braeside Village	"	"	Dec. 17, 1960	5	12	150	22	"	D,S	Brown topsoil 21; limestone 92; grey granite 302. Water at 302.
Braeside Village	"	"	Aug. 6, 1963	6	5	25	7	"	S	Clay hardpan 14; broken rock 17; mixed granite dolomite 30. Water at 22.
Braeside Village	"	"	Oct. 9, 1961	6	3	50	22	"	S	Clay 24; gravel 54. Water at 54.
Braeside Village	"	"	Apr. 15, 1962	6	3	130	12	"	D	Clay 23; red granite 40; black granite 105; red granite 136. Water at 40 and 135.
Braeside Village	"	"	Oct. 13, 1961	6	5	70	4	"	S	Clay 70; limestone shale 73. Water at 72.
Braeside Village	"	"	Aug. 23, 1962	6	5	25	8	"	S	Clay 33; limestone 45. Water at 42.
Braeside Village	"	"	Sep. 15, 1962	6	5	20	8	"	S	Sandy hardpan 23; shaly limestone 26. Water at 24.
Braeside Village	"	"	Dec. 8, 1964	6	5	22	17	"	S	Sandy hardpan 18; shaly limestone 27. Water at 27.

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PENREW COUNTY - cont. Con V - cont. Con V = 16	A. Angus S.S.# 9	C. Munro	Apr. 25, 1962	6	5	50	Flows	Fresh	S	Blue clay 60; gravel 64. Water at 63.
Con V	Bromley	"	Jan. 29, 1963	6	5	20	8	"	P	Hardpan boulders 27; shale limestone 40; hard limestone 68. Water at 66.
Con V	W. Peever & Son	"	Oct. 8, 1964	6	5	10	8	"	S	Clay 38; limestone 43. Water at 42.
Con V	R. Peever	"	Sep. 20, 1962	6	5	30	20	"	S	Clay 30; hardpan 38; gravel 42. Water at 40.
Con VI	J. DiLacough	"	Dec. 17, 1964	6	5	30	15	"	S	Clay 48; hardpan 53; shaly limestone 57. Water at 57.
Con VI	S.S.# 9	"	Oct. 15, 1961	6	5	100	55	"	P	Hardpan boulders 45; grey limestone 130. Water at 80 and 125.
Con VI	Bromley	"	Oct. 13, 1962	6	10	15	8	"	D	Clay 40; gravel 43. Water at 42.
Con VI	E. Enright	"	Oct. 12, 1962	6	10	25	10	"	S	Clay boulders 35. Water at 35.
Con VI	J. Holly	"	Sep. 17, 1962	6	3	20	6	"	S	Clay boulders 74; gravel 81. Water at 80.
Con VI	A. Fleese	"	Aug. 7, 1964	6	5	25	18	"	S	Hardpan 17; limestone 40. Water at 38.
Con VII	H. Beach	H. Giffin	Dec. 7, 1964	5	6	48	18	"	S	Clay gravel boulders 7; cemented limonite 53; red granite coarse limestone sandstone 73. Water at 50 and 67.
Con VII	R. Johnston	C. Munro	May 6, 1963	6	2	Flows	Flows	"	D	Hardpan boulders 28; shaly limestone 33; limestone 39. Water at 38.
Con VII	A. Woezik	"	Oct. 3, 1962	6	5	30	23	"	D, S	Hardpan boulders 16; limestone 49. Water at 47.
Con VII	J. Burchat	"	Dec. 22, 1964	6	7	50	7	"	S	Dug well 21; hardpan boulders 45; limestone 55. Water at 53.
Con VII	E. Enright	H. Giffin	Jul. 23, 1961	5	10	20	10	"	D, S	Brown loam 6; grey limestone 70; coarse grey limestone 90. Water at 70 and 90.
Con VII	G. Sullivan	C. Munro	Oct. 23, 1961	6	10	60	12	"	D, S	Hardpan boulders 36; brown limestone 65. Water at 60.
Con VIII	T.L. Neville	H. Giffin	Nov. 24, 1960	5	8	60	40	"	D	Black loam 4; brown clay 30; boulders blue clay 55; coarse black gravel 60; red granite 110. Water at 60 and from 80 to 110.
Con VIII	M. Wilson	G. Law	Feb. 16, 1961	5	16	30	12	"	D	Hardpan 14; grey limestone 90. Water at 85.
Con VIII	W. Coleman	C. Munro	Jun. 14, 1962	6	5	55	8	"	D	Hardpan boulders 47; white limestone 76. Water at 70.
Con VIII	H. McDonald	"	Jun. 16, 1962	6	5	45	16	"	D	Hardpan boulders 60; shaly limestone 65. Water at 64.
Con VIII	J.N. Wren	"	Jul. 24, 1964	6	2	90	7	"	D	Hardpan small boulders 41; dolomite red granite mixed 110. Water at 70.
Con VIII	F. Beech	H. Giffin	Dec. 1, 1964	5	2	100	16	"	D	Heavy clay gumbo marl 60; cemented conglomerate 67; red granite feldspar red ochre 83; sandstone feldspar red ochre 130. Water at 81 and 127.
Con VIII	Separate School	G. Law	Jun. 30, 1961	6	24	30	6	"	P	Blue clay 25; sandy gravel 30; grey granite 107. Water at 95.
Con VIII	J. MacGregor	C. Munro	Nov. 16, 1962	6	5	30	6	"	D, S	Clay hardpan boulders 60; gravel 64. Water at 63.
Con VIII	M. Rice	G. Law	Jan. 28, 1961	5	16	30	12	"	D, S	Sand 5; white limestone 88. Water at 75.
Con VIII	S. Heebink	C. Munro	May 8, 1963	5	1	84	4	"	D	Hardpan boulders 60; red granite 84. Water at 80.
Con VIII	D. MacIntyre	"	Nov. 10, 1964	5	5	65	25	"	S	Hardpan boulders 70; shaly limestone 73. Water at 73.
Con VIII	A. Asaka	"	Dec. 1, 1962	6	4	60	21	"	S	Sandy hardpan boulders 59; limestone 73. Water at 70.
Con IX	L. MacGregor	"	Nov. 28, 1964	6	1 1/2	118	18	"	S	Hardpan boulders 10; dolomite grey granite mixed 118. Water at 112.
Con IX	B. Wilson	"	Nov. 27, 1962	6 1/2	3	27	12	"	D	Hardpan boulders 8; dolomite 27. Water at 20.
Con IX	A.W. Cochrane	G. Law	Feb. 18, 1961	5	16	40	15	"	D	Blue clay 62; grey limestone 124. Water at 120.

SENTEW COUNTY - cont.

Brudenell Twp. Con IX	lot 30	S.S. # 3	V.H. Marquardt	Dec. 31, 1960	5	4	72	6	Fresh	P	Previously dug well 11; hardpan 15; grey granite 76. Water at 70.
Con XVI	" 15	M. Hartwig	M. Marquardt	Jan. 26, 1963	4	4	200	50	"	D.S	Hardpan 60; grey granite 227. Water at 220.
Range B.N.	" 289	T. Halliday	H. Giffin	Oct. 5, 1963	5	10	50	15	"	D	Brown sand boulders 19; light fine sandstone limonite 44; brown sandstone 68. Water at 44 and 63.
Range B.S.	" 317	J. Coules	"	Nov. 9, 1964	5	1	90	12	"	D	Sand boulders 5; conglomerate 70; hard grey rock calcite 90; coarse granular granite 108. Water at 105.
Buchanan Twp. Range A	lot 45	V. McQuestion	B. Marquardt	Oct. 16, 1964	5	1	134	18	Fresh	D	Old well 12; hardpan 53; grey granite 134. Water at 90.
Range A	" 46	P.A. Thompson	H. Giffin	Oct. 31, 1963	4	4	74	14	"	D	Brown sand boulders 13; silty clay quicksand boulders 51; hard dark sandstone 85; open fault river sand gravel 86; fine hard dark sandstone red granite rock 90. Water at 85 and 89.
Range A	" 47	M.H. Atkins	C. Munro	Oct. 16, 1964	6	1	80	10	"	D	Dug well 12; sand boulders 36; grey granite 90. Water at 40 and 88.
Con II	" 16	Can. Dept. of	McLean Water Supply Ltd.	Dec. 6, 1961	8	8	270	13	"	P	Sand 21; red granite 100; black granite 135; red granite 300. Water at 85, 125 and 135.
Con XIV	" 2	C. Beauchamp	V.H. Marquardt	Jul. 26, 1962	5	2	68	15	"	D	Old well 9; grey granite 48; red granite 68. Water at 55.
Con XVII	" 3	R. Leudault	"	Nov. 1, 1961	5	15	23	23	"	D	Dug well 23; hardpan 27; grey granite 48. Water at 47.
Con XI	" 3	J. Renaud	H. Giffin	Sep. 14, 1962	5	3	110	12	"	D	Sand gravel 14; black granite 110. Water at 80.
Con XV	" 3	J.C. Briscoe	"	Sep. 28, 1962	5	2	65	20	"	D	Fine sand 5; dark granite 60; red granite 85. Water at 63.
Con XV	" 4	R. Gilchrist	"	Mar. 15, 1964	5	6	90	20	"	C	Clay sand boulders 44; dark silica sandstone hornblende 153; biotite open fault 153; grey silica sandstone feldspar 168; sandstone hematite red other 200; conglomerate red hematite red other 225. Water at 153, 164 and 218.
Con XV	" 4	J.D. Wright	C. Munro	Dec. 10, 1964	6						Dug well 10; hardpan boulders 25; multi coloured granite 310. Dry hole.
Clara Twp. Con A	lot 12	Ont. Dept. Highways	P.C. Hammond	Aug. 14, 1962	5						Hardpan boulder broken rock 92. Dry hole.
Con A	" 12	"	"	Aug. 17, 1962	5	3	70	66	Fresh	C	Sand hardpan 69; granite 76. Water at 69.
Con A	" 12	"	"	Dec. 8, 1962	4	7	120	20	"	C	Blue clay 50; hardpan gravel 95; red granite sand 133. Water at 133.
Con B	" 15	S.M. Wilson	Gateway Well Drilling	Nov. 9, 1961	2	3	18	14	"	C	Light grey sand large granite boulder 71; red granite 149. Water at 127 and 141.
Con B	" 15	S. Bowes	"	Aug. 29, 1963	2	1		38	"	D	Dug well 13; sand boulders 48; red granite 270. Water at 66, 212 and 262.
Deep River Town Deep River Town		P. Ellis	C. Munro	Aug. 23, 1961	6	2	45	18	Fresh	D	Sand 14; silt 40; sand 48; gravel 55. Water at 54.
Eganville Village Eganville Vlg.		P. Ryan	V.H. Marquardt & Sons	Jan. 26, 1960	5	2	50	15	Fresh	D	Old well 51; coarse gravel 60. Water at 60.
Eganville Vlg.		A.W. Swert	"	Feb. 1, 1960	5	3	50	20	"	D	Hardpan 30; granite 65. Water at 64.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
NEWBREW COUNTY - cont. Eganville Village Cont.										
Eganville Vlg.	M. Mask	V.H. Marquardt & Sons	Mar. 26, 1960	5	4	70	Flows		D	Brown topsoil 12; blue granite 85. Water at 84.
Eganville Vlg.	J.J. Foran	"	Jul. 20, 1960	5	3	36	14	"	D	Old well 17 1/2; hardpan 52. Water at 51.
Eganville Vlg.	B. Birm	"	Dec. 2, 1960	5	5	35	17	"	D	Dug well 15; grey limestone 70. Water at 70.
Eganville Vlg.	O. Schultz	"	Dec. 8, 1960	5	1	102 1/2	10	"	D	Dug well 10; red limestone 102 1/2. Water at 30.
Eganville Vlg.	S. Varrin	H. Giffin	Dec. 9, 1960	5	8	30	30	"	D	Black loam 3; brown clay 40; blue clay 50; brown coarse gravel 60; grey limestone 70; grey granite 78. Water at 60 and 78.
Eganville Vlg.	M. Verheyen	V.H. Marquardt	Feb. 7, 1961	5	5	19	10	"	D	Hardpan 25; limestone one 39 1/2. Water at 39.
Eganville Vlg.	E. Beekie	"	Feb. 11, 1961	5	3	170	10	"	D	Old well 8; grey granite 181. Water at 180.
Eganville Vlg.	W. Lisk	"	Apr. 4, 1962	5	3	140	20	"	C	Hardpan 15; limestone one 194. Water at 175.
Eganville Vlg.	A.C. Sgarate	"	Mar. 22, 1962	6	18	40	15	"	P	Hardpan 58; limestone 75. Water at 68.
Eganville Vlg.	W. Lisk	"	Mar. 27, 1962	5	7	30	20	"	D	Hardpan 8; limestone 158 1/2. Water at 140.
Eganville Vlg.	O.W. R.C.	F.E. Johnston Drilling Co.	Mar. 27, 1962	5	18	130	10	"	T	Sandy loam fill 6; grey limestone 140. Water from 35 to 40. 110 to 112 and 120 to 130. Abandoned.
Eganville Vlg.	W. Lisk	V.H. Marquardt	Apr. 2, 1962	5	18	35	30	"	1-62	Hardpan 39; limestone 80. Water at 80.
Eganville Vlg.	O.W. R.C.	P.E. Johnston Drilling Co. Ltd.	Apr. 5, 1962	8	5	40	0	"	T	Sandy boulders 8; sand gravel 30; sand gravel clay boulders 60; hardpan 75; red granite 80. Water from 30 to 48.
Eganville Vlg.	"	"	Apr. 28, 1962	8	30	50	3	"	2-62 3-62	Sandy loam 2; grey limestone 97. Water at 32, 60 and 90.
Eganville Vlg.	E. Byers	V.H. Marquardt	Sep. 4, 1962	5	7	70	18	"	D	Brown topsoil 11; limestone 112 1/2. Water at 110.
Eganville Vlg.	St. John's Anglican Church	"	Sep. 11, 1962	5	6	42	15	"	P	Hardpan 35; limestone 67 1/2. Water at 65.
Eganville Vlg.	A.O. Grady	"	Sep. 19, 1962	5	6	65	20	"	D	Dug well 15; hardpan 55; quicksand 82; medium gravel 85. Water at 83.
Eganville Vlg.	W. Verheyen	C. Munro	Feb. 12, 1963	6	5	30	2	"	D	Hardpan boulders 73; gravel 77. Water at 76.
Eganville Vlg.	J.O. Grady	H. Giffin	Aug. 6, 1963	5	5	60	20	"	D	fine sand gravel 18; sand narrow bands fine gravel 79; coarse dark gravel quicksand 82; fine dark sand 94; dark sandstone calcite 103; grey limestone 140. Water at 103 and 130.
Eganville Vlg.	"	"	Aug. 17, 1963	5	5	60	20	"	D	Old well 140; fine sandstone limonite cementing 178; fine grey sandstone limonite cement 20; dark hard sandstone silica cementing 265. Water at 103 and 130.
Eganville Vlg.	T. Green	"	Sep. 5, 1963	5	6	40	21	"	D	Silty clay fine sand massive boulders 44; fragments rock fossils grey limestone 65; brown sandstone cemented limonite 71; grey limestone 107. Water at 69 and 101.
Eganville Vlg.	N. Zadow	V.H. Marquardt	Oct. 17, 1963	5	4 1/2	20	15	"	D	Sandy topsoil 10; shale 18; brown grey limestone 127. Water at 120.
Eganville Vlg.	R. Roesler	H. Giffin	Oct. 18, 1963	5	3	40	21	"	D	Sand large stones 5; red granite pink feldspar 29; dark granite bands dark sandstone 59. Water at 29 and 55.
Eganville Vlg.	W. Hartwig	"	Mar. 30, 1964	5	3	70	16	"	D	Clay sand boulders 36; conglomerate rock limonite 52; fanit cemented material 54; coarse conglomerate rock 80; grey granite 92; dark sandstone flogophite hornblend 112. Water at 108.
Eganville Vlg.	H. Lett	"	Dec. 5, 1964	5	3	67	7	"	D	Clay large stones 8; dark sandstone conglomerate rock 53; sandstone bands pink feldspar red granite 78. Water at 51 and 70.

RENFREW COUNTY - cont.  
Golden Lake Indian Reserve

Indian Reserve		Indian Affairs Branch	M. Marquardt	Feb. 4, 1963	5	3	175	20	Fresh	P	Topsoil 5; limestone 130; grey granite 193. Water at 180. Hardpan large boulders 43; broken rock 50; multi coloured granite dolomite 100. Water at 60 and 95.	
Indian Reserve		"	C. Munro	Sep. 20, 1963	6	6	80	17	"	P		
Grattan Twp.		P. Bradley	G. Law	Aug. 15, 1960	5	7	12	3	Fresh	P	Black granite 65. Water at 60.	
Con II	lot 12	"	"	"	"	"	"	"	"	"	Hardpan boulders 12; grey granite 44. Water at 35.	
Con V	" 19	E. Dale	M. Marquardt	Jun. 23, 1963	5	10	25	20	"	D	Sand boulders gravel 7; grey granite 60; grey sandstone yellow ochre 137. Water at 85 and 137.	
Con VII	" 20	M. Upward	H. Giffin	May 23, 1964	5	3	60	20	"	D	Previously drilled 61; grey granite 147. Water at 145.	
Con VIII	" 4	C. Pilon	V.H. Marquardt	Nov. 22, 1962	4	4	130	15	"	D, S	Sandy hardpan boulders 23; broken red granite 26; red granite 71. Water at 30 and 68.	
Con VIII	" 6	S. McParlane	C. Munro	Nov. 27, 1961	6	6	50	18	"	S	Hardpan boulders 58; red granite 79. Water at 68.	
Con VIII	" 7	L. Dick	"	Dec. 9, 1961	6	3	75	18	"	D	Hardpan boulders 85; red granite 98. Water at 98.	
Con X	" 5	G. Johnston	McLean Water Supply Ltd.	Nov. 19, 1961	6	10	80	22	"	D	Coarse gravel 86; red granite 275. Water at 275.	
Con X	" 19	Lisk Bakery	"	Apr. 30, 1962	7	3	200	21	"	C		
Con X	" 19	"	"	May 2, 1962	7	50	40	21	"	C	Large gravel 56; red granite 200. Water at 170.	
Con XII	" 21	T.P. Powers	H. Giffin	Oct. 16, 1961	5	2	55	15	"	D, S	Light lean boulders 8; grey granite 4; dark sandstone 45; dark granite bitite 7; dark granite 78; dark grey sandstone 85. Water at 45 and 70.	
Con XII	" 21	"	"	Nov. 23, 1961	5	12	50	12	"	D, S	Previously drilled 85; dark grey sandstone 44; sandstone 99; quartz coarse gravel 20; grey granite 105. Water at 99.	
Con XII	" 3	D. Hazen	"	Apr. 6, 1961	5	9	57	23	"	D, S	Dug well 23; gravel 20; grey granite 57. Water at 57.	
Con XII	" 9	M. Dipsen	"	Oct. 12, 1963	5	9	65	12	"	D	Red sand boulders 5; white sandstone calcite variety 50; brown sandstone 111. Water at 25 and 105.	
Con XII	" 24	A. Ludgate	"	Oct. 31, 1962	5	3	60	17	"	D	calcite flakes and phosporite 111. Water at 25 and 105.	
Con XII	" 22	F.&D.L. Keller	C.V. Morrison	Jul. 15, 1960	5	20	10	3	"	D	Red sand gravel boulders 30; dark granite 65; dark sandstone 71. Water at 66.	
Con XIX	" 21	K. Dick	H. Giffin	May 18, 1963	5	18	10	10	"	D	Sandy brown soil 2; coarse gravel 7; grey limestone 60. Water at 40 and 60.	
Con XIX	" 31	J. Howard	C. Munro	Aug. 14, 1964	5	5	40	18	"	D	Clay 2; sand gravel 14; limestone 65. Water at 63.	
Con XX	" 20	A. O'Grady	H. Giffin	Dec. 19, 1964	5	8	60	9	"	D	Hardpan 42; limestone 61. Water at 50 and 57.	
Con XX	" 21	T. Vuillings	V.H. Marquardt	Feb. 9, 1961	5	4	30	7	"	D	Sand clay boulders 75; grey sandstone 8; dark sandstone 8; crystalline limestone 11. Water at 83 and 90.	
Con XX	" 21	P. A. Marchand	H. Giffin	Mar. 6, 1961	5	15	60	20	"	D	Hardpan 15; limestone 45. Water at 45.	
Con XX	" 21	"	"	"	"	"	"	"	"	"	Brown sand gravel 10; white granite boulders 46; quicksand coarse dark gravel flakes muskoxite 56; grey brown sandstone 60. Water at 46, 60 and 80.	
Con XX	" 21	R. Gotskie	V.H. Marquardt	Apr. 6, 1962	6	20	35	6	"	D	Hardpan 22; limestone 50. Water at 48.	
Con XIX	" 23	E. Heins	V.H. Marquardt	Sep. 28, 1963	5	2	115	20	"	D	Old well 2; grey limestone 123. Water at 120.	
Con XXI	" 34	W. Quast	H. Giffin	Sep. 27, 1962	5	"	"	"	"	"	Dug well 2; hardpan 44; grey granite 100.	
Con XXI	" 34	"	"	Feb. 17, 1961	5	1	202	38	"	D, S	Old well 78; grey granite 75. Dry hole.	
Con XXI	" 34	"	"	Jan. 6, 1962	5	"	"	"	"	"	Old well 78; grey granite 75; dark hard sandstone 11; grey red granite 105; dark hard sandstone 11; grey red granite 123; granite iron pyrite 125; dark granite bitite 202. Water at 118 and 125.	
Range D.S	" 37	Ont. Dept. of Highways	C. Goodberry Well Drilling Ltd.	Jan. 20, 1960	6	8	68	5	"	P	Sand boulders 40; sand gravel 60; gravel 77. Water from 69 to 77.	

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
RENFREW COUNTY - cont. Grattan Twp. - cont. Range D.N. lot 29 Range D.N. " 56	C. Linnen A. Davidson	C. Munro H. Giffin	Dec.15,1961 Mar.17,1961	6 5	15 20	9 Flows	Fresh "	D D	Dug well 11; grey granite 32. Water at 31. Brown sand boulders of limestone shale; limestone 70; hard blue limestone 100; yellow sandstone 112. Water at 95 and 110. Hardpan boulders 35; coarse gravel boulder 47. Water at 45.
Range D.S. " 35	K. Shenor	C. Munro	Mar.27,1962	6½	5	40	32	D	
Bagarty Twp. Con A lot 6 Con A " 9 Con III " 7 Con III " 8 Con IV " 6 Con IV " 10 Con IV " 31 Con V " 13 Con V " 5 Con VI " 5 Con XIV " 1 Con XV " 20 Con XV " 21	M. Hartwig S.S. # 11 T.J. Visitski W.H. Lynch H. Kuehl W.E. Ristow J. Shalla M. Noach A.A. Visitski B. Leclair B. Hartwick S.S.# 9	V.H. Marquardt " " E.V. Marquardt " " V.H. Marquardt " " " " " " E.V. Marquardt V.H. Marquardt " " " "	Oct.12,1962 Oct.18,1962 Jul.23,1964 Jul.31,1964 Jan.26,1962 Nov.25,1960 Jul.25,1963 Feb.22,1961 Oct.3,1964 Aug.21,1963 Aug.24,1962 Aug.15,1962	5 5 5 5 4 6 5 5 5 5 5 5	5 15 10 1 4 20 35 175 125 100 70 30 10 2 45 5	25 15 8 8 5 30 125 26 7 15 10 22	Fresh " " " " " " " " " " " " " " "	S P D D D D D D S D D D D D P	Hardpan 12; grey granite 158. Water at 55 and 156. Hardpan 34; grey granite 438. Water at 42. Sand 4; grey granite 40. Water at 43. Sand 3; boulders 7; grey granite 85. Water at 40. Brown topsoil 10; grey granite 50. Water at 50. Hardpan boulders 40; blue grey granite 180. Water at 160. Old well 27; granite 1308. Water at 129. Sand 5; hardpan 55; grey granite 75. Water at 70. Brown topsoil 8; quicksand 30; rock 42. Water at 40. Brown topsoil 6; red granite 45. Water at 44. Brown topsoil 10; grey granite 55. Water at 50.
Head Twp. Con A lot 26 Con B " 12 Con B " 12 Con B " 12 Con B " 12 Con B " 25 Con B " 26 Range B " 27 Con X " 17 Con XVII " 31 Con XVII " 31	R.C.S.S.# 2 H. Colgate P. Boudreau E.J. Boudreau W.W. Wilson N. Burley R. Delanunt Ont. Dept. of Lands & Forests School Area Clare & Maria Ont. Dept. of Highways	E.V. Marquardt V.H. Marquardt M. Marquardt E.V. Marquardt Gateway Well Drilling C. Munro M. Marquardt C. Goodberry Well Drilling Ltd. V.H. Marquardt P.C. Hammond " " " "	Sep. 4,1964 Oct.30,1962 Jul.10,1963 Sep. 9,1964 May 2,1963 Apr.11,1963 Dec.11,1963 Sep. 4,1963 Sep. 9,1960 Sep.13,1962 Oct. 5,1962 Nov.16,1962	5 6 5 5 5 6 6 6 5 5 5 5	10 35 50 140 2 1 3 15 7 100 60	20 40 47 45 45 12 40 22 15	Fresh " " " " " " " " " " " "	P P D D D D P C P C C	Hardpan boulders 20; rotten red rock 30; grey granite 54. rotten red rock 70. Water at 50 and 65. Sea sand 75; quicksand 169; fine gravel 182. Water at 182. Previously tilled well 22; quicksand 162; gravel 163½. Water at 163. Hardpan 40; quicksand 181; gravel 182. Water at 182. Sand gravel boulder 73; red granite 110. Water at 94 and 103. Sand boulders 12; red granite 30. Water at 22. Hardpan boulders 40; red granite 75; grey granite 90; red granite 102. Water at 100. Clay 5; sandy silt boulders 30; red granite 60. Water at 31. Quicksand 142; coarse gravel 146. Water at 144. Boulders broken rock 80. Dry hole. Boulders broken rock 78. Dry hole. Boulders 69; granite 65. Water at 63.
Horton Twp. Con I lot 1 Con I " 7 Con I " 7 Con I " 8 Con I " 8 Con I " 8	M. McKenzie Motors J. Dedo R. Smagugus E. McLaughlin C. Nesbitt W. Burton	G. Law " " " " " " " " H. Giffin	Oct.20,1963 Jan.19,1961 Nov.30,1961 Oct.20,1961 Nov. 9,1961 Jul. 4,1962	5 5 5 5 5 5	8 5 15 15 23 55	12 12 5 4 18 9	Fresh " " " " "	D D,S D D D D	Sand hardpan 40; grey granite 113. Water at 108. Sandy loam 3½; grey granite 50; rotten granite 111. Water at 93. Dug hole 10; grey granite 76. Water at 74. Dug well 10; grey granite 60. Water at 58. Dug well 22; grey granite 182. Water at 180. Brown sand 5; massive boulders 8; dark red granite 50; dark grey granite 71; granite 80. Water at 14, 58 and 70.



## RENFREW COUNTY - cont.

Horton Twp. - cont.	G. Kuslusk	J. Russell	May 28, 1964	6	5	22	3	Fresh	D
Con I	S. Robinson	H. Giffin	Nov. 7, 1964	5	55	12	"	"	D
Con I	R.J. Elliot	G. Law	Jun. 7, 1960	5	83	63	"	"	D,S
Con II	A. Gould	C. Munro	Oct. 12, 1961	6	60	20	"	"	S
Con II	C. Eady	G. Law	Apr. 13, 1962	7	19	7	"	"	S
Con II	D. Moore	H. Giffin	Feb. 17, 1962	5	82	22	"	"	D
Con II	R. Stearn	"	Apr. 30, 1962	5	34	20	11	"	C
Con II	S.S.# 6	K. Presley	May 18, 1962	5	10	6	6	"	P
Con III	Ottawa Valley Grain Products	C. Munro	Mar. 19, 1962	6 $\frac{1}{2}$	7	40	12	"	In
Con III	J. McLeod	A. Stanton	Jul. 21, 1960	5	8	75	15	"	"
Con III	R. Stearn	H. Giffin	Jun. 30, 1964	5	10	30	21	"	D
Con III	L. Hodgins	"	May 26, 1962	5	4	125	80	"	S
Con III	"	J.B.Dufresne Co. Ltd.	Jan. 4, 1963	6	2	260	130	"	D,S
Con III	K. Richards	K. Presley	May 25, 1962	5	10	27	15	"	D,S
Con IV	J. Mayhew	G. Law	Jan. 12, 1961	5	24	15	Flows	"	"
Con IV	C. McGonigal	K. Presley	Sep. 19, 1963	6	27	12	12	"	D
Con IV	M. Spagnoli	G. Law	Sep. 27, 1963	6	24	7	5	"	D
Con IV	J. Gibeau	K. Presley	Sep. 11, 1961	5	7	18	8	"	D
Con IV	C. Gillan	J.C. Russell	Jul. 10, 1964	5	4	45	15	"	D
Con IV	M. Hasko	"	Jun. 6, 1964	5	6	90	25	"	"
Con V	L. Hodgins	H. Giffin	Apr. 21, 1962	5	28	21	17	"	S
Con V	G. Guest	J.C. Russell	Sep. 25, 1964	5	12	72	70	"	D
Con V	P. Best	G. Law	Sep. 25, 1963	6	24	50	38	"	D
Con V	N. Eady	P.E. Johnston Drilling Co. Ltd.	Feb. 28, 1961	5	16	35	15	"	D,S
Con V	P. Eady	"	Feb. 25, 1961	5	17	15	14	"	D,S
Con V	L. Reid	"	Mar. 10, 1962	7	120	28	28	"	D,S
Con V	T. Barr	"	Mar. 3, 1961	5	15	65	16	"	D
Con VI	E. Nesbitt	G. Law	Nov. 9, 1961	5	8	50	50	"	D,S
Con VI	M. Burnett	H. Giffin	Apr. 6, 1962	5	33	5	1 $\frac{1}{2}$	"	D,S
Con VI	R. Farrell	P.E. Johnston Drilling Co. Ltd.	Mar. 15, 1961	5	16	30	24	"	D,S

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
RENFREW COUNTY - cont. Horton Twp. - cont.										
Con VI lot 15	R. Mullins	P.E. Johnston Drilling Co. Ltd.	Mar. 6, 1961	5	16	35	17	Fresh	D, S	Brown loam 3; blue clay 85; limestone 110. Water at 70 and 90.
Con VII	C. Ferguson	"	Apr. 14, 1961	5	5	80	15	"	D, S	Sandy loam 9; grey limestone 39; red granite 69; grey granite 85. Water at 40 and 70.
Con VII	J.L. Peterson	C. Dufresne	Dec. 8, 1960	2	4	30	15	"	S	Gravel boulder 30; grey granite 105. Water at 105.
Con VII	C.J. Hyland	F.E. Johnston Drilling Co. Ltd.	Feb. 2, 1961	5	16	40	16	"	D, S	Brown sand 3; grey limestone 85. Water at 60.
Con VII	H. Wall	G. Law	Mar. 14, 1961	5	16	65	35	"	D, S	Blue clay 47; grey limestone 170. Water at 100.
Con VII	D. Lavalley	K. Presley	Dec. 28, 1960	5	12	16	9	"	D, S	Blue clay 158; gravel 162; grey limestone 262. Water at 250.
Con VIII	L. Lavalley	F.E. Johnston	Sep. 30, 1961	5	8	16	48	"	D, S	Blue clay 130; grey limestone 255. Water at 253.
Con VIII	N. Joby	P.E. Johnston Drilling Co. Ltd.	Jan. 26, 1961	5	10	7	4	"	D	Dug well 15; fine brown sand 17; blue clay 22; grey limestone 65. Water at 50 and 62.
Con VIII	M.A. Lyons	G. Law	Jun. 22, 1962	5	8	70	12	"	D	Blue clay 45; limestone 94. Water at 90.
Con IX	L. Lindsay	K. Presley	Nov. 24, 1961	5	10	80	60	Salty	D, S	Blue clay 300; grey limestone 321. Water at 319.
Con IX	G. Lindsay	J.B. Dufresne & Co. Ltd.	Nov. 30, 1962	6	15	50	20	Fresh	D	Blue clay 10; grey limestone 50. Water at 48.
Con IX	H. Ferguson	K. Presley	Dec. 9, 1961	5	10	35	20	"	D, S	Sand 54; grey limestone 90. Water at 98.
Con IX	H. Cote	F.E. Johnston Drilling Co. Ltd.	Mar. 28, 1961	5	2	100	24	"	D, S	Brown loam 5; grey granite 100. Water at 85.
Con IX	S.S.# 3	J.B. Dufresne Co. Ltd.	Jul. 28, 1960	2	2 1/2	30	Flows	"	D	Grey clay 21; limestone 65. Water at 65.
Con X	Dr. L.C. Ring- rose	G. Law	May 27, 1962	5	16	3	3	"	D	Sand 15; limestone 52. Water at 50.
Con X	B. Padgett	"	May 31, 1962	5	16	11	7	"	D	Topsoil 2; limestone 47. Water at 45.
Con XI	G. Gady	"	Jul. 25, 1963	5	16	20	4	"	D	Brown sand 16; shale limestone 40. Water at 40.
Jones Twp. Range E.N										
lot 148	V. Demellis	V.H. Marquardt & Sons	Jul. 16, 1960	5	3	69	4	Fresh	D	Brown topsoil 3; grey granite 79. Water at 50.
" B.N.	A.F. Ross	"	Nov. 29, 1960	5	3 1/2	30	22	"	D	Dug well 22; grey granite 43. Water at 43.
Killaloe Station Vlg.										
Killaloe Station Vlg.	L. Chepekie	V.H. Marquardt	Jul. 26, 1960	5	4	33	3	Fresh	D	Brown topsoil 3; grey granite 45. Water at 40.
Killaloe Station Vlg.	D. Burke	"	Sep. 3, 1960	4	10	80	13	"	D	Old well 15; blue granite 133. Water at 132.
Killaloe Station Vlg.	D. Green	"	Dec. 1, 1960	5	2 1/2	26	10	"	D	Brown topsoil 6; grey granite 42. Water at 42.
Killaloe Station Vlg.	M.B. Grace	"	Dec. 17, 1960	5	1	60	12 1/2	"	D	Old dug well 12; old well drilled 35; grey granite 115 1/2. Water at 115.
Killaloe Station Vlg.	M. Kuehl	"	Mar. 23, 1961	5	5	40	5	"	D	Hardpan 10; granite 65. Water at 64.
Killaloe Station Vlg.	H. Feigl	"	Feb. 13, 1962	4	1 1/2	75	40	"	D	Brown topsoil 7; blue granite 75. Water at 50.
Killaloe Station Vlg.	J. Bladow	"	Feb. 27, 1962	4	7	40	5	"	D	Brown topsoil 4; grey granite 76. Water at 74.
Killaloe Station Vlg.	O. Keuhl	M. Marquardt	Mar. 1, 1963	5	6	60	5	"	D	Topsoil 6; grey granite 89 1/2. Water at 80.
Killaloe Station Vlg.	H. Chatsick	V.H. Marquardt	Sep. 26, 1963	5	5	110	19	"	D	Brown topsoil 2; grey granite 127. Water at 125.
Killaloe Station Vlg.	A. Cybulski	M. Marquardt	Dec. 20, 1963	6	8	70	14	"	D	Hardpan 5; grey granite 75; red granite 85. Water at 82.
Killaloe Station Vlg.	J. Mullin	B. Marquardt	May 5, 1964	5	7	40	7	"	D	Brown topsoil 6; grey granite 55; red granite 60. Water at 59.
Killaloe Station Vlg.	A. Boland	E.V. Marquardt	Jul. 17, 1964	5	6	75	10	"	D	Sand 6; grey granite 85. Water at 60 and 83.

Locality	Section	Stratigraphic Unit	Age	Notes	Remarks
Killaloe Station Vlg.	Cont.	E.V. Marquardt	Aug. 13, 1964	151	Sand 8; grey granite 151. Water at 40 and 120.
Killaloe Station Vlg.	S. Eady	"	Aug. 20, 1964	80	Sand 5; shell rock 9; grey granite 94. Water at 90 and 93.
Killaloe Station Vlg.	G. Grant	"	Aug. 27, 1964	15	Sand 4; grey granite 66. Water at 82.
Killaloe Station Vlg.	I. Getz	"	Oct. 24, 1964	45	Tilled well 17; grey granite 58. Water at 55.
Killaloe Station Vlg.	G. Buckwald	"		50	
Lyndock Twp.	lot 22	S.S. # 6	Jul. 15, 1961	40	Grey granite 67. Water at 66.
Con XIV	" 7	L. Kuehl	Sep. 16, 1960	138	Boulders Harpan 2; grey granite 150. Water at 148.
McNab Twp.	lot 1	T. Havy	Dec. 21, 1961	210	Clay 100; grey limestone 215. Water at 105 and 180.
Con A	"	J.E. Dufresne & Co. Ltd.			
Con A	"	K. Presley	Sep. 30, 1960	10	Blue clay 25; sand 30; grey limestone 59. Water at 57.
Con A	"	"	Aug. 12, 1961	12	Blue clay 3; grey limestone 100. Water at 97.
Con A	"	"	Aug. 19, 1961	17	Blue clay 4; grey limestone 100. Water at 98.
Con A	"	"	Jun. 12, 1962	12	Blue clay 36; limestone 48. Water at 46.
Con A	"	"	Jun. 23, 1962	5	Blue clay 8; sand stones 9; grey limestone 170. Water at 165.
Con A	"	"	Jun. 29, 1962	26	Blue clay 30; gravel 51; limestone 70. Water at 68.
Con A	"	"	Oct. 28, 1962	13	Clay 23; limestone 50. Water at 48.
Con A	"	"	Nov. 14, 1962	3	Clay 15; gravel 23; limestone 108. Water at 100.
Con A	"	"	Feb. 12, 1964	13	Clay 4; limestone 65. Water at 63.
Con A	"	"	May 5, 1960	2	Drilled well 48; limestone 78. Water at 76.
Con A	"	"	Nov. 1, 1961	8	Dug well 16; grey red granite 50. Water at 45.
Con A	"	"	Jul. 27, 1962	10	Blue clay 20; limestone 60. Water at 59.
Con A	"	"	Nov. 2, 1962	15	Blue clay 3; limestone 60. Water at 58.
Con A	"	"	Nov. 23, 1962	10	Gravel boulders 10; grey limestone 75. Water at 58.
Con A	"	"	Jan. 10, 1961	9	Blue clay 44; rock grey limestone 75. Water at 73.
Con A	"	"	Jan. 6, 1961	22	Blue clay 19; grey limestone 54. Water at 52.
Con A	"	"	Oct. 18, 1960	17	Blue clay 9; limestone 110. Water at 108.
Con A	"	"	Oct. 26, 1963	47	Shale 10; grey limestone 200. Water at 120 and 196.
Con A	"	"	Aug. 3, 1963	10	Sand 5; grey limestone 100. Water at 90.
Con A	"	"	Aug. 13, 1960	6	Blue clay 20; limestone 60. Water at 59.
Con A	"	"	Jul. 21, 1960	17	Blue clay 3; limestone 60. Water at 58.
Con A	"	"	Aug. 3, 1960	35	Gravel boulders 10; grey limestone 75. Water at 58.
Con A	"	"	Feb. 6, 1961	16	Blue clay 19; grey limestone 54. Water at 52.
Con A	"	"		30	Blue clay 9; limestone 110. Water at 108.
Con A	"	"		4	Shale 10; grey limestone 200. Water at 120 and 196.
Con A	"	"		70	Sand 5; grey limestone 100. Water at 90.
Con A	"	"		10	Blue clay 20; limestone 60. Water at 59.
Con A	"	"		15	Blue clay 3; limestone 60. Water at 58.
Con A	"	"		10	Gravel boulders 10; grey limestone 75. Water at 58.
Con A	"	"		9	Blue clay 44; rock grey limestone 75. Water at 73.
Con A	"	"		22	Blue clay 19; grey limestone 54. Water at 52.
Con A	"	"		17	Blue clay 9; limestone 110. Water at 108.
Con A	"	"		47	Shale 10; grey limestone 200. Water at 120 and 196.
Con A	"	"		10	Sand 5; grey limestone 100. Water at 90.
Con A	"	"		6	Blue clay 20; limestone 60. Water at 59.
Con A	"	"		17	Blue clay 3; limestone 60. Water at 58.
Con A	"	"		35	Gravel boulders 10; grey limestone 75. Water at 58.
Con A	"	"		16	Blue clay 19; grey limestone 54. Water at 52.
Con A	"	"		30	Blue clay 9; limestone 110. Water at 108.
Con A	"	"		4	Shale 10; grey limestone 200. Water at 120 and 196.
Con A	"	"		70	Sand 5; grey limestone 100. Water at 90.
Con A	"	"		10	Blue clay 20; limestone 60. Water at 59.
Con A	"	"		15	Blue clay 3; limestone 60. Water at 58.
Con A	"	"		10	Gravel boulders 10; grey limestone 75. Water at 58.
Con A	"	"		9	Blue clay 44; rock grey limestone 75. Water at 73.
Con A	"	"		22	Blue clay 19; grey limestone 54. Water at 52.
Con A	"	"		17	Blue clay 9; limestone 110. Water at 108.
Con A	"	"		47	Shale 10; grey limestone 200. Water at 120 and 196.
Con A	"	"		10	Sand 5; grey limestone 100. Water at 90.
Con A	"	"		6	Blue clay 20; limestone 60. Water at 59.
Con A	"	"		17	Blue clay 3; limestone 60. Water at 58.
Con A	"	"		35	Gravel boulders 10; grey limestone 75. Water at 58.
Con A	"	"		16	Blue clay 19; grey limestone 54. Water at 52.
Con A	"	"		30	Blue clay 9; limestone 110. Water at 108.
Con A	"	"		4	Shale 10; grey limestone 200. Water at 120 and 196.</



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
RENFREW COUNTY - cont.										
Kenab Twp. - cont.										
Con A	J. Geddes	K. Presley	Jan. 2, 1962	5	10	26	12	Fresh	D	Blue clay 45; grey limestone 90. Water at 88.
Con B	K. Newman	"	May 16, 1963	6	7	60	8	"	D	Blue clay 60; shale 100. Water at 98.
Con C	G. Gearing	"	Oct. 4, 1963	6	100	60	8	"	D	Clay 40; sand 60; sandstone 100. Water at 90.
Con D	A. Mazirk	"	Oct. 21, 1963	6	13	40	16	"	D	Clay 60; limestone 125. Water at 120.
Con E	A. Oakeskate	"	Mar. 30, 1964	5	10	12	12	"	D	Clay 20; quicksand 30; limestone 75. Water at 73.
Con F	J. McQuaid	A. Stanton	Jun. 18, 1964	5	13	12	24	"	D	Blue clay 75; grey limestone 125. Water at 97 and 125.
Con G	E. Dunn	K. Presley	Sep. 18, 1964	6	13	28	18	"	D	Clay 37; grey limestone 75. Water at 73.
Con H	J. Egan	"	Sep. 24, 1964	6	13	20	12	"	D	Clay 37; grey limestone 75. Water at 73.
Con I	J. Levan	"	Oct. 2, 1964	6	13	15	40	"	D	Clay 55; limestone 95; limestone 75. Water at 70.
Con J	K. Pellevier	"	Nov. 10, 1964	6	18 1/2	15	20	"	D	Clay 40; sand 55; limestone 90. Water at 87.
Con K	H. Belsher	"	Dec. 1, 1964	6	13	16	16	"	D	Clay 40; sand 55; limestone 87. Water at 85.
Con L	T. Kilwall	"	Dec. 12, 1964	5	13	22	20	"	D	Clay 25; grey limestone 100. Water at 92.
Con M	T. Parson	"	Dec. 12, 1963	5	13	85	20	"	D	Clay 4; sand 55; limestone 90. Water at 88.
Con N	J. Rowley	"	Dec. 24, 1964	5	13	15	15	"	D	Sand gravel 12; limestone 75. Water at 99.
Con O	E. Herlie	"	Sep. 20, 1960	5	16	50	50	"	D	Blue clay 70; grey limestone 101. Water at 110.
Con P	E. Bateman	"	Apr. 5, 1962	5	10	20	10	"	D	Blue clay 45; quicksand 65; limestone 112. Water at 110.
Con Q	N. Pasco	A. Stanton	Jul. 3, 1962	6	20	90	80	"	D	Blue clay 70; fine sand 90; grey limestone 190. Water at 160 and 190.
Con R	J. Cassidy	K. Presley	Sep. 11, 1964	6	10	27	27	"	D	Clay 20; sand 55; limestone 90. Water at 88.
Con S	A. Miller	"	Mar. 13, 1962	6	10	35	20	"	D	Clay 20; limestone 115. Water at 113.
Con T	E. Campbell	"	Mar. 27, 1962	5	10	60	28	"	D	Grey limestone 100. Water at 98.
Con U	E. Mothersill	D.O. MacHardy	Nov. 24, 1961	4	5	120	65	"	D	Fill 5; grey limestone 90; green shale 125; red slate 145. Water 145.
Con V	R. Pairfield	K. Presley	Aug. 18, 1960	5	10	80	80	"	D	Shale limestone 130. Water at 128.
Con W	D.J. Lavern	McLoughney Water Well Drilling Co. Ltd	Jul. 23, 1961	5	8	80	23	"	D	Silt 17; grey limestone 130. Water at 100 and 130.
Con X	D. Reed	"	Dec. 4, 1961	4	5	160	80	"	D	Previously dug 68; green slate rock 105; red slate rock 183. Water at 150 and 180.
Con Y	G. Booth	K. Presley	May 1, 1962	5	10	15	15	"	D	Shale 25; limestone 115. Water at 113.
Con Z	A. Grant	A. Stanton	Jun. 18, 1962	5	15	83	13	"	D	Shale 4; grey limestone 155. Water at 98 and 154.
Con AA	J.G. Gillie	J.B. Dufresne & Co. Ltd	Aug. 27, 1964	6	2	140	80	"	D	Limestone 160. Water at 155.
Con AB	Armstrong Golf Club	A. Stanton	Aug. 5, 1960	5	15	50	32	Sulphur	N	Loam stones 5; grey limestone 116. Water at 71, 95 and 112.
Con AC	M.A. Phillips	G. Law	Jul. 6, 1960	5	5	63	30	Fresh	D	Sand 4; shaly grey limestone 92. Water at 85.
Con AD	R. Lewis	E. Johnston Drilling Co. Ltd.	Feb. 21, 1961	5	12	45	39	"	D, S	Sandy loam 2; grey limestone 100. Water at 40.
Con AE	M. Murray	"	Feb. 24, 1961	5	16	35	24	"	D, S	Sand gravel boulders 14; grey limestone 100. Water at 60.
Con AF	E. Boyle	K. Presley	Dec. 16, 1961	5	3 1/2	8	8	"	D	Limestone shale 90. Water from 60 to 90.
Con AG	N. Kinkade	A.O. MacHardy	Apr. 19, 1962	5	5	75	40	"	D	Grey limestone 162. Water at 80 and 160.
Con AH	C. MacDonald	J.B. Dufresne Co. Ltd.	May 27, 1964	6	2	160	10	"	D	Sand 6; limestone 160. Water at 158.
Con AI	C.T. Cannon	K. Presley	Apr. 25, 1960	5	10	4	4	"	D	Brown clay 20; limestone 120. Water at 118.
Con AJ	B. LeSarge	C.B. Dufresne	Feb. 14, 1960	3	7	60	52	"	D	Sand gravel 75; limestone 130. Water at 130.
Con AK	S. Langer	P.R. Cossette	May 5, 1960	2	3	80	45	"	D	Clay 20; sand 45; sand gravel 68; limestone 346. Water at 346.
Con AL	B. LeSarge	K. Presley	Nov. 16, 1960	5	10	27	14	"	D	Sand gravel 9; grey limestone 40. Water at 38.
Con AM	E. Timmins	A. Stanton	Sep. 4, 1961	5	15	18	13	"	D	Clay loam 20; sand 40; grey limestone 105. Water at 90 and 105.

BRANFREW COUNTY - cont.  
McNab Twp - cont.

Con	Lot	J. Kayo	K. Presley	Oct. 18, 1961	5	10	27	13	Fresh	D	Blue clay 15; quicksand 50; grey limestone 80. Water at 78.
Con C	6	E. Herrick	A. Stanton	Jun. 9, 1962	20	10	35	10	"	D	Sand 35; grey limestone 84. Water at 82.
Con C	6	J. Eady	"	Mar. 20, 1964	10	115	10	20	"	D	Pine sand 27; grey limestone 338. Water at 71, 169 and 335.
Con C	6	T. E. Mooney	"	Apr. 17, 1964	10	90	18	13	"	D	Loam 3; grey limestone 174. Water at 87 and 174.
Con C	7	A. Stanton	J.B. Dufréne Co.	Aug. 14, 1961	2 1/2	65	13	17	"	D	Clay 7; grey limestone 69. Water at 50 and 67.
Con C	8	Z. Zborowski	K. Presley	Aug. 18, 1961	5	10	12	12	"	D	Limestone 70. Water at 38.
Con C	8	J. Savord	"	Jun. 18, 1960	5	10	60	12	"	D	Sandy clay 6; grey limestone 40. Water at 38.
Con C	8	M. Desarmia	"	Jun. 20, 1961	10	12	12	12	"	D	Pine sand 10; grey limestone 48. Water at 46.
Con C	8	L. Lamond	"	Jun. 24, 1961	10	12	12	12	"	D	Shale 6; grey limestone 40. Water at 38.
Con C	8	L. Villade	"	Jun. 29, 1961	10	12	12	12	"	D	Clay 40; limestone 60. Water at 58.
Con C	8	W.G. McNabb	McLean Supply	Apr. 13, 1962	10	22	12	12	"	D	Loam 4; grey granite 105. Water at 22.
Con I	18	C. McVicar	J.C. Russell	May 4, 1962	1	50	3	3	"	D	Red loam 10; gravel boulders 55; grey granite 100. Water at 90 and 37.
Con I	18	C. Wallace	G. Law	Jul. 22, 1964	5	12	29	4	"	D	Blue clay 38; limestone 103. Water at 101.
Con I	20	N. Anderson	"	Sep. 5, 1962	16	30	32	7	"	D, S	Blue gravel 23; black granite 73. Water at 70.
Con I	21	C. Deslaurier	J.C. Russell	Sep. 14, 1962	5	16	50	12	"	D, S	Clay boulders 42; limestone 93. Water at 50, 75 and 90.
Con I	24	L. Dedo	G. Law	Nov. 23, 1964	6	12	10	12	"	D	Clay 40; gravel 13; limestone 70. Water at 65.
Con I	24	G. Vinette	"	Apr. 22, 1962	8	12	12	12	"	D	Sand boulders 18; grey granite 104. Water at 80 and 100.
Con I	15	A. Stewart	J.C. Russell	Feb. 14, 1964	17	60	12	20	"	D	White limestone 5; red granite 98. Water at 98.
Con I	17	B. Robertson	H. Giffin	Feb. 17, 1962	3	50	12	12	"	D, S	Sand boulders 14; hard conglomerate rock bands silica sandstone 85. Water at 24 and 75.
Con II	18	J. Stewart	J.C. Russell	Sep. 25, 1964	5	3	50	12	"	D	Clay 100 boulders 4; broken rock 15; white limestone 59; red grey limestone 100. Water at 36, 75 and 96.
Con II	18	J. Stewart	J.C. Russell	Sep. 14, 1964	5	5	70	31	"	D	Loam 3; hardpan stones 57; grey limestone 125. Water at 91 and 123.
Con III	6	C. Fraser	A. Stanton	Sep. 14, 1964	5	8	100	16	"	D	Blue clay 90; coarse gravel 95. Water at 90.
Con III	6	E.C. Lindsey	W.V. Nugent	Dec. 6, 1960	6	8	38	19	"	D	Loam 10; hardpan stones 93. Water at 83.
Con III	6	B. Lindsey	A. Stanton	Sep. 28, 1961	6	10	80	10	"	D	Loam 5; grey limestone 113. Water at 85 and 110.
Con III	10	B. Marshall	"	Mar. 12, 1963	6	10	48	13	"	D	Loam limestone 1; grey limestone 30; grey limestone pink limestone 60; grey limestone 110; light grey limestone 141.
Con III	10	H. Hall	H. Giffin	Jun. 1, 1963	5	8	18	18	"	D	Metaspar 60 and 138. Water at 62.
Con IV	5	B. Campbell	A. Stanton	Jul. 13, 1960	6	25	24	20	"	D	Hardpan stones 64. Water at 95.
Con IV	5	A. Deson	"	Jul. 1, 1960	5	9	80	12	"	D	Loam 3; hardpan stones 100. Water at 95.
Con IV	6	K. McEllan	W.V. Nugent	Dec. 10, 1960	6	7	39	18	"	D	Blue clay 84; coarse gravel 102. Water at 99.
Con IV	6	E. Box	"	Dec. 15, 1960	6	4	59	16	"	D	Blue clay 84; coarse gravel 102. Water at 99.
Con IV	6	A. Stanton	"	Jun. 5, 1961	6	10	50	20	"	D	Previously drilled 25; hardpan gravel 118. Water at 115.
Con IV	6	G. McLachlan	McLean Water Supply	Oct. 20, 1964	6	4	55	25	"	D	Loam 10; white limestone 20; grey granite 60. Water from 45 to 60.
Con IV	6	K. McLaughlin	A. Stanton	Nov. 28, 1964	6	10	70	28	"	D, S	Loam 12; hardpan 40; grey limestone 91. Water at 91.
Con IV	8	C. Box	"	Jun. 15, 1960	5	12	40	12	"	D	Sand stones 12; grey white limestone 57. Water at 43 and 52.
Con IV	10	K. McIntyre	C. Goodberry Well Drilling Ltd.	Apr. 21, 1961	6	10	75	24	"	D, S	Tonsill 1 sand boulders 12; clay 60; granite 87. Water at 82.
Con V	2	H. MacIntyre	A. Stanton	Dec. 22, 1964	6	15	75	30	"	D, S	Loam boulders 40; grey limestone 98. Water at 73 and 98.
Con V	18	D. Barr	G. Law	Jun. 2, 1960	5	10	19	19	"	D	Blue clay 37; white limestone 89. Water at 75.
Con VI	17	D. Neil	A. Stanton	Oct. 9, 1962	6	10	70	13	"	D	Sand stones 7; white limestone 85. Water at 63 and 85.
Con VII	3	J.N. Shaw	J.B. Dufréne Co. Ltd.	Sep. 3, 1962	6	50	155	155	"	D, S	Blue clay 88; rock grey limestone 155. Water at 152.
Con VII	4	D. Robertson	"	Aug. 31, 1962	6	10	160	160	"	D, S	Blue clay 128; rock grey limestone 163. Water at 138 and 160.
Con VII	10	L. Neil	G. Law	Dec. 6, 1964	5	10	16	2	"	D, S	White limestone 105. Water at 100.
Con VII	14	R. Slingerland	K. Presley	Jun. 15, 1964	5	13	35	18	"	D, S	Clay boulders 55; limestone 110. Water at 118.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
RENFREW COUNTY - cont.										
McMab Twp. - cont.										
Con VII lot 15	D. Reach	K. Presley	Jul. 11, 1963	6	25	Flows	Flows	Fresh	S	Blue clay 60; quicksand 66; blue clay 86; hardpan 90. Water at 90.
Con VII	G. Russett	D.O. McHardy	May 26, 1961	5	10	18	8	"	D	Loam 6; blue clay 12; hardpan 15; hard black rock 36. Water at 36.
Con VII	S.S.# 13	G. Law	May 28, 1960	5	3	100	13	"	P	Black granite 50; red granite 70; black granite 100. Water at 95.
Con VIII	W. Runtz	J.B. Dufresne Co.	Dec. 2, 1960	6	10	55	8	"	D, S	Clay 38; grey limestone 55. Water at 50.
Con VIII	I. Yahn	A. Stanton	Oct. 18, 1960	5	15	40	6	"	S	Blue clay 150; sand fine gravel 159; grey limestone 179. Water at 165 and 176.
Con VIII	F. Russette	K. Presley	Aug. 8, 1962	6	10	16	3	"	I, S	Blue clay 100; gravel 110. Water at 102.
Con VIII	H. Neill	D.O. McHardy	Jan. 30, 1960	4	8	30	17	"	D	Clay stones 4; white limestone 101. Water at 100.
Con VIII	C. Hamilton	J.C. Russell	Oct. 25, 1964	5	4	55	11	"	D	Blue clay 62; gravel 66. Water at 66.
Con VIII	P. Russett	Nov. 4, 1964	5	2	100	20	"	"	D	Sand loam 82; grey granite 100. Water at 45, 60 and 95.
Con IX	W. Barry	M.V. Nugent	Aug. 21, 1960	6	10	27	18	"	D, S	Blue clay 30; soft sandstone 83. Water at 74.
Con IX	J.B. Dufresne Co.	Aug. 29, 1961	6	10	63	14	"	"	D, S	Blue clay 74; gravel 73; grey limestone 77. Water at 75.
Con IX	" Ltd.	Feb. 15, 1962	6	10	120	60	"	"	D	Clay 105; limestone 240. Water at 230.
Con IX	A. Saunders	A. Stanton	Jan. 17, 1963	6	8	49	15	"	D, S	Blue clay 125; sand stones 144. Water at 130 and 142.
Con IX	L. Holbren	J.B. Dufresne	Jan. 27, 1963	6	17	140	33	"	D, S	Clay 135; sand gravel 138; limestone 140. Water at 138.
Con IX	A. Holbein	K. Presley	Dec. 15, 1960	5	10	45	30	"	D, S	Blue clay 130; grey limestone 145. Water at 143.
Con IX	A. Schneel	Jun. 18, 1963	5	13	20	5	"	"	D, S	Clay 61; limestone 59. Water at 57.
Con IX	E. Storie	Nov. 7, 1961	5	10	55	29	"	"	D, S	Blue clay 230; gravel 245. Water at 230.
Con X	L. Watson	C. Goodberry	Jan. 13, 1962	6	10	60	40	"	D, S	Topsoil 1; blue clay 93; grey rock 105. Water at 100.
Con X	W. Meyer	K. Presley	Nov. 17, 1964	6	13	30	20	"	D, S	Clay 60; limestone shale 130. Water at 130.
Con X	R. Young	Aug. 25, 1960	5	10	80	80	"	"	D	Blue clay 145; grey limestone 160. Water at 158.
Con X	M. Berndt	A. Stanton	Aug. 1, 1960	5	6	135	20	"	D	Grey granite 145. Water at 78 and 140.
Con X	E. Tippins	J.B. Dufresne Co. Ltd.	Dec. 1, 1960	6	2	50	15	"	D, S	Clay 8; white limestone 50. Water at 45.
Con X	L. Thomlison	K. Presley	Oct. 21, 1962	6	10	37	"	"	D, S	Blue clay 72; limestone 105. Water at 103.
Con X	R. Bann	Oct. 4, 1962	6	10	40	12	"	"	D, S	Blue clay 40; limestone 83. Water at 81.
Con X	R. McMullen	"	Oct. 27, 1961	5	10	27	8	"	D, S	Blue clay 36; grey limestone 100. Water at 98.
Con X	W.O'Donnell	A. Stanton	Mar. 21, 1963	5	10	108	20	"	D, S	Blue clay 6; sand 70; grey limestone 181. Water at 113 and 180.
Con X	A. Stevenson	K. Presley	Mar. 30, 1963	6	5	55	Flows	"	D	Blue clay 56; shale 111. Water at 109.
Con X	A. McLaren	J.C. Russell	Oct. 8, 1966	5	10	52	32	"	D	Clay 38; grey limestone 132. Water at 118 and 126.
Con XI	A. Morehead	K. Presley	Oct. 13, 1961	5	17	80	"	"	D, S	Blue clay 105; grey limestone 138. Water at 136.
Con XI	H. Dulmage	Mar. 23, 1963	6	13	45	12	"	"	D	Blue clay 3; sandstone 90. Water at 88.
Con XI	A. Heinsma	Jun. 19, 1962	6	10	10	"	"	"	D	Blue clay 36; limestone 65. Water at 63.
Con XI	J. McCormick	May 21, 1963	6	50	48	3	"	"	D	Clay 34; limestone 50. Water at 48.
Con XI	A. Scofield	Dec. 5, 1964	6	13	17	17	"	"	D	Clay 36; limestone 75. Water at 73.
Con XI	A. Leuser	Mar. 2, 1960	5	10	7	"	"	"	D	Blue clay 53; limestone 60. Water at 58.
Con XI	K. Stewart	May 23, 1961	5	10	6	"	"	"	D	Blue clay 37; grey limestone 53. Water at 51.
Con XI	H. Mollama	Jun. 3, 1961	5	10	6	"	"	"	D	Blue clay 37; grey limestone 60. Water at 58.
Con XI	H. Dadds	May 26, 1960	5	15	18	"	"	"	D	Clay 29; sand 32; grey limestone 97. Water at 69, 82 and 96.
Con XI	J. Vaughan	Jul. 23, 1960	5	17	35	16	"	"	D	Hard grey limestone 50. Water at 48.
Con XI	J. Patrois	Feb. 25, 1961	5	10	12	"	"	"	D	Shale 6; grey limestone 70. Water at 68.
Con XI	H. Reid	Jul. 13, 1961	4	10	15	"	"	"	D	Loam 2; limestone 50. Water at 40 and 50.
Con XI	Concrete Pro- ducts	K. Presley	Sep. 19, 1962	6	9	45	12	"	C	Clay 11; limestone 120. Water from 65 to 85 and at 118.



RENFREW COUNTY - cont.

[illegible]

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
BENEFIT COUNTY - cont.										
Marathon Twp. cont. Con IV lot 10	H. Carswell	H. Giffin	Jun. 15, 1963	5	7	12	9	Fresh	D	Brown sand large boulders 10; dark granite shallow bands sandstone 23; light grey bluish sandstone flakes muscovite. 52. Water at 21 and 49.
Con IV " 10	F. Kelly	"	Nov. 19, 1963	5	1	100	12	"	D	Old well 46; dark aged granite biotite magnetic pliorite 59; black rock biotite magnetic pliorite hornblende limonite or calcite cementing 100. Water at 46 and 100.
Con IV " 10	St. Andrews United Church	"	Jan. 14, 1964	5	15	30	8	"	F	Grey sand boulders 11; hard dark granite (silica biotite hornblende quartz structure); sandstone calcite quartz hornblende 57; hard sandstone silica quartz hornblende 121; fault 121; hard rock grey wacke 126. Water at 56 and 121.
Con IV " 11	A. Strong	"	Jul. 31, 1963	5	20	30	16	"	D	Sandy loam 6; dark coarse loosely cemented sandstone biotite 20; conglomerate rock quartz sulphide rock calcite 81. Water at 50 and 75.
Con V " 1	L. McLaren	"	Jul. 26, 1963	5	1	100	10	"	D	Sandy loam clay boulders 24; dark grey sandstone limonite variety 100. Water at 80 and 95.
Con V " 3	F. McPherson	"	Jul. 9, 1963	5	1	117	12	"	D	Clay brown sand 22; massive boulders 26; clay sand 38; grey dark sandstone flakes phlogopite 55; blue grey sandstone 122. Water at 117.
North Alcona Twp.										
Con I lot 3	B. Zohr	V.H. Marquardt & Sons	Aug. 28, 1961	5	2	70	5	Fresh	D	Brown topsoil 9; blue grey granite 70. Water at 69.
Con I " 3	W. Marquardt	"	Sep. 9, 1961	5	20	8	8	"	C	Brown topsoil 13; grey granite 80. Water at 78.
Con I " 4	G. Schoenfelt	"	Oct. 28, 1960	5	10	32	10	"	D	Brown topsoil 10; grey granite 52. Water at 52.
Con I " 4	H. Garvin	"	Nov. 2, 1960	5	10	35	8	"	D	Brown topsoil 23; grey granite 48. Water at 48.
Con I " 4	G. Yourth	"	Feb. 2, 1961	5	2	70	16	"	D	Old well 18; hardpan 25; grey granite 95. Water at 90.
Con I " 4	A. Hisco	C. Dufresne	Mar. 1, 1961	2	6	30	9	"	D	Sand 11; grey red granite 100. Water at 98.
Con I " 4	W. Krohn	V.H. Marquardt	May 12, 1961	4	8	100	35	"	C	Sea sand 33; grey granite 36. Water at 36.
Con I " 19	F. Spence	B. Marquardt	Jun. 26, 1964	5	3 1/2	73	5	"	D	Brown topsoil 6; boulders fine gravel 17; grey granite 85. Water at 68 and 85.
Con II " 2	H. Corbett	V.H. Marquardt & Sons	Sep. 19, 1961	4	1	85	4	"	D	Brown topsoil 2; grey granite 85. Water at 83.
Con IV " 12	F. Wagner	"	Mar. 24, 1961	6	8	18	10	"	D	Old well 10; clay 20; limestone 28. Water at 27.
Con IV " 19	Dobson Motors	"	Jul. 22, 1960	5	3	25	5	"	D	Brown topsoil 10; grey granite 30. Water at 29.
Con IV " 19	E. Smith	E.V. Marquardt	Sep. 30, 1964	5	15	40	3	"	D	Sand 7; grey clay 25; fine gravel 64; coarse gravel 66. Water at 66.
Con VI " 22	E.U.B. Campsite	V.H. Marquardt	Mar. 20, 1961	8	5	30	10	"	P	Hardpan 54. Water at 54.
Pembroke Twp.										
Con I lot 3	M. Zandstra	C. Munro	Dec. 23, 1962	5	3	25	5	Fresh	D	Sandy hardpan 9; broken red granite 14; red granite 28. Water at 18.
Con I " 3	"	"	Jan. 17, 1963	6	1	170	16	"	D	Sandy hardpan 8; multi coloured granite 180. Water at 60 and 110.
Con I " 5	B.B. Cotnam	"	Sep. 16, 1963	6	3	175	8	"	D, S	Dug well 13; grey granite 184. Water at 182.
Con I " 6	H. Ashick	"	Aug. 19, 1964	6	5	60	11	"	D	Dug well 14; black granite 77. Water at 75.

NEWFREM COUNTY - cont.  
Pembroke Twp.

Con I	lot 7	K. Thresher	H. Giffin	Jan. 28, 1964	5	5	70	20	Fresh	D	
Con I	" 7	J. Demers	C. Munro	Sep. 14, 1964	6	1	120	32	"	D	Clay boulders 25; quiksand gravel 47; clay boulders 74; grey granite 96; sandstone hornblend biotite 105; conglomerate rock pink felspar 126. Water at 123.
Con I	" 8	J. Wilson	C.E. Dufresne Co. Ltd.	Feb. 9, 1960	6	200	100	27	"	D, S	Dug well 32; sandy hardpan 77; grey granite 120. Water at 90. Clay 41; red granite 220. Water at 208.
Con I	" 9	C. Vaudrey	C. Munro	Aug. 29, 1962	6	3	110	34	"	D	Dug well 34; hardpan boulders 47; multi coloured granite 100. Water at 90 and 115.
Con I	" 10	D. Vaudry	"	Oct. 9, 1963	6	5	75	21	"	D	Blue clay 28; hardpan stones 36; dolomite 60; multi coloured granite 103. Water at 101.
Con I	" 11	C. Risto	"	Nov. 1, 1962	6	3	16	10	"	D	Hardpan boulders 23; gravel 26. Water at 24.
Con I	" 11	"	"	Oct. 28, 1964	6	3	20	15	"	D	Hardpan boulders 14; limestone 30. Water at 28.
Con I	" 11	"	"	Oct. 30, 1964	6	5	20	12	"	D	Clay 6; hardpan 10; limestone 25. Water at 24.
Con I	" 20	F.M. Goldberg	"	Oct. 3, 1963	6	10	25	14	"	P	Sand 10; blue clay 36; grey granite 50. Water at 49.
Con I	" 21	L.H. Polfgren	E.V. Marquardt	Sep. 21, 1964	3	7	110	20	"	D	Sand 27; grey granite 129; red rock 131. Water at 129.
Con I	" 22	H. Popkie	C. Munro	Nov. 23, 1962	6	1	50	9	"	D	Dug well 7; red granite 57. Water at 20 and 55.
Con I	" 11	A. Schloske	"	Feb. 28, 1961	6	1	240	15	"	D	Dug well 15; limestone shale 18; grey granite 110; brown granite 125; grey granite 248. Water at 246.
Con II	" 3	W. Jackson	"	Oct. 29, 1964	6	5	20	15	"	S	Dug well 16; sand 34; grey granite 50. Water at 48.
Con II	" 6	B. Elliott	H. Giffin	Apr. 20, 1961	5	10	4		"	"	Black loam 3; brown clay pebbles 35; blue clay 50; grey granite 86; red granite 90. Water at 86 and 90.
Con II	" 7	H. Moring	C. Munro	Sep. 11, 1962	30	2	20	16	"	D	Dug well 32; red granite 48; coarse sand 52. Water at 50.
Con II	" 12	Imperial Oil Ltd.	J.B. Dufresne & Co. Ltd.	Feb. 13, 1962	6	1 1/2	24	5	"	C	Fill 10; red granite 120. Water at 120.
Con II	" 12	"	"	Mar. 8, 1962	6	8	8	7	"	C	Fill 7; red granite 100. Dry hole.
Con II	" 12	C. Papin	"	May 4, 1962	5	5	60	18	"	D	Blue clay 18; hardpan 30; grey granite 110; red granite 120; grey granite 147. Water at 135.
Con II	" 13	A. May	Pembroke Well Drilling	Oct. 15, 1964	6	5	50	30	"	D	Dug well 15; hardpan boulders 60; shaly limestone 78. Water at 75.
Con II	" 14	H. Brodey	"	Mar. 7, 1963	6	5	200	35	"	D	Dug well 25; clay hardpan 80; sandy hardpan 95; clay 114; shaly limestone 126. Water at 124.
Con II	" 18	R. Plummer	"	May 19, 1964	6	8			"	D	Dug well 50; clay hardpan 80; hardpan boulders 110; clay 158; grey limestone 175; red grey granite 205. Water at 170 and 203.
Con II	" 19	R. Anderson	"	Feb. 5, 1963	6	5	125	42	"	D	Dug well 55; hardpan boulders 85; clay 135; shale limestone 142; limestone 165. Water at 158.
Con II	" 19	V. Stiegel	"	Aug. 10, 1963	6	5	125	33	"	D	Dug well 54; hardpan clay 127; shaly limestone 150; limestone 160. Water at 158.
Con II	" 19	K. Curry	"	Oct. 5, 1964	5	5	50	18	"	D	Clay 10; hardpan 18; shaly limestone 25; limestone 79. Water at 75.
Con II	" 20	F. Bakutlckl	C.V. Morrison	May 30, 1960	5	4	50	30	"	D	Sand 20; clay 147; limestone 155. Water at 148.
Con II	" 20	D. Thibau	C. Munro	Sep. 25, 1963	6	8	150	28	"	D	Sand 60; silt 110; sand hardpan 130; shaly limestone 148; blue limestone 165; red limestone 172. Water at 165.
Con II	" 20	G. Martin	"	Feb. 26, 1964	6	30	120	32	"	C	Fire sand 60; silt 95; clay 110; hardpan 135; shaly limestone 146; grey limestone 170; red limestone 179. Water at 160 and 175.
Con II	" 21	Edwards Family Farm	"	Apr. 19, 1961	6 1/2	7	130	25	"	D, S	Dug well 43; sandy hardpan 80; clay hardpan 118; shaly limestone 122; hard limestone 145. Water at 140.
Con II	" 21	J.B. McGrea	"	Sep. 7, 1963	6	3	135	42	"	D	Dug well 43; sandy hardpan 118; shelly limestone 128; limestone 133. Water at 133.

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# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
REMPEX COUNTY - cont. Pembroke Twp. - cont. Con II lot 21	H. Robinson	C. Munro	Feb. 1, 1964	8	30	50	23	Fresh	D, S	Sandy hardpan 28; grey limestone 38; red limestone 104. Water at 60 and 102.
Con II " 23	J. Ellies	"	Aug. 4, 1961	8	1	22	18	"	D	Dug well 22; hardpan boulders 42. Water at 30.
Con II " 23	W. Bielecki	V. R. Marguardt & Sons	Aug. 14, 1961	5	7	100	30	"	D	Previously drilled 125; grey limestone 169. Water at 169.
Con II " 23	A. Ellies	C. Munro	Jul. 25, 1963	6	5	55	22	"	D	Dug well 22; hardpan boulders 105; shaly limestone 110; grey limestone 130. Water at 128.
Con III " 7	P. Kuhn	"	Aug. 17, 1962	6	1	70	8	"	D	Sand fill 6; broken formation granite 9; red granite 77. Water at 30.
Con III " 7	G. Thresher	"	Oct. 25, 1962	6	5	80	10	"	D	Broken formation granite 5; grey granite 148; red granite 158. Water at 156.
Con III " 7	J. C. Ameron	"	Oct. 31, 1962	6	1	101	8	"	D	Dug well 10; grey granite 101. Water at 90.
Con III " 7	"	"	Nov. 1, 1962	30	2	6	4	"	D	Dug well 5; grey granite 19. Water at 10.
Con III " 7	P. Kuhn	"	Feb. 19, 1963	6	1	65	14	"	D	Dug well 3; shaly red granite 14; grey granite 75. Water at 72.
Con III " 7	"	"	Feb. 26, 1963	6	2	70	12	"	D	Sand fill 4; red granite 18; grey granite 76. Water at 73.
Con III " 7	"	"	Oct. 10, 1963	6	10	60	12	"	D	Sand fill 5; broken formation granite 15; red granite 25; grey granite 102. Water at 96.
Con III " 7	"	"	Dec. 3, 1963	6	2	50	12	"	D	Sand fill 5; grey granite 58. Water at 52.
Con III " 7	R. Lair	"	Jan. 9, 1964	6	4	45	6	"	D	Sand fill 4; red granite 52. Water at 30 and 50.
Con III " 7	R. Duhn	"	Jan. 14, 1964	6	3	45	8	"	D	Sand fill 3; grey granite 51. Water at 48.
Con III " 7	"	"	Jan. 17, 1964	6	4	50	9	"	D	Sand fill 4; grey granite 60. Water at 55.
Con III " 8	P. Kuhn	"	Jun. 20, 1963	5	2	70	12	"	D	Previously drilled 76; grey granite 89. Water at 85.
Con III " 8	"	"	Jul. 4, 1963	5	5	30	18	"	D	Sand fill 4; grey granite 96; red granite 100. Water at 96.
Con III " 8	A. Martin	"	Sep. 25, 1964	6	5	50	12	"	D	Drilled well 58; red granite 93. Water at 90.
Con III " 9	G. Kutschke	"	Apr. 13, 1963	6	5	50	6	"	D	Sandy loam 4; multi coloured granite 105. Water at 100.
Con III " 9	J. C. Ameron	"	Jul. 20, 1963	6	1	191	9	"	D	Previously drilled well 101; grey granite 191. Water at 190.
Con III " 9	"	"	Jul. 22, 1963	6	6	6	8	"	D	Dug well 5; grey granite 20. Dry hole.
Con III " 9	R. Duhn	"	Jul. 27, 1963	6	2	60	8	"	D	Grey granite 69. Water at 67.
Con III " 9	C. L. Gully	"	Jul. 13, 1964	6	8	165	12	"	D	Broken rock 3; grey granite 175; red granite 184; grey granite 192. Water at 189.
Pembroke Town Pembroke Town	Zellers Ltd.	International Water Supply Ltd.	Apr. 26, 1960	10	93	27	12	Fresh	T 1-60	Clay bricks iron 2; fine silty sand 15; silty clay sand clay 27; blue clay 4; fine sand gravel clay 43; sand gravel clay 47 cemented sand gravel 40; grey rock. Water from 43 to 49.
Pembroke Town Pembroke Town	K. Saunders Shorgas Ltd.	C. V. Morrison C. Munro	Aug. 11, 1960 Apr. 23, 1963	5 6	5 5	25 30	25 20	" "	C C	Dug well 26; grey clay 12; grey limestone 15. Water at 140. Clay 21; hardpan boulders 26; limestone 37. Water at 35.
Petawawa Twp. Con A lot 1	C. LaPierre	C. Munro	Aug. 21, 1963	6	5	20	15	Fresh	D	Clay 25; broken granite 28; grey granite 44. Water at 40.
Con A " 2	S. S. # 4 &	"	Oct. 10, 1960	5	5	40	30	"	P	Fine sand 35; grey clay 70; grey granite 134. Water at 130.
Con B " 5	S. S. # 4 A Travellers Ins. Co.	McLean Water Supply Ltd.	Mar. 15, 1960	5	5	60	26 1/2	"	D	Sand 60; granite 130. Water at 130.

## RENFREW COUNTY - cont.

Renfrew County - cont. Petawawa Twp. - cont.	A. Cronler	McLean Water Supply Ltd.	Apr. 25, 1960	3	160	12	Fresh	D	Sand 38; red granite 200. Water at 200.
Con B " 5	Travellers	"	Jun. 1, 1960	3	70	12	"	D	Fine sand 41; red granite 179. Water at 179.
Con B " 5	Ins. Co.	"	Jun. 1, 1960	3	35	16	"	D	Topsoil 3; red granite 45. Water at 40.
Con C " 18	L. Rochon	C.V. Morrison	Jul. 12, 1960	2 1/2	179	25	"	D	Sand gravel 25; grey granite 179. Water at 176.
Con VII " 13	P. Rantz	C. Munro	Jul. 3, 1963	2 1/2	179	25	"	D	Fine sand 49; red granite 300. Water at 300.
Con VII " 20	Beil Telephone	McLean Water Supply Ltd.	Jun. 4, 1960	2	150	20	"	P	Clay harpan 12; broken red granite 18; multi coloured granite 105. Water at 35, 64 and 100.
LR " 2	Co. of Canada	C. Munro	Jun. 27, 1961	10	100	17	"	D	Clay 8; grey granite 93. Water at 25 and 75.
LR " 2	N.A. Chubak	"	Oct. 4, 1962	93	93	24	"	D	Clay 3; grey granite 45. Water at 42.
LR " 2	G. Hamel	"	Nov. 6, 1962	5	35	17	"	D	Grey harpan 2; grey granite 46. Water at 42.
LR " 2	J. Hamilton	"	Apr. 18, 1961	15	30	4	"	D	Dug well 15; silt fine sand 74; gravel sand 78; grey granite 129. Water at 124 and 128.
LR " 3	J. Vanderklugt	"	Oct. 30, 1964	15	80	12	"	P	Sand 45; grey granite 180.
Range A. " 3	R.C.S.S. # 4	"	Dec. 30, 1964	36	50	24	"	P	Sand gravel 4; boulder sand gravel 16; red granite 50.
Range A " 3	Petawawa Twp	"	Apr. 17, 1961	6	1	80	Flows	D	Water at 40.
LR " 1	Can. Constock Co.	C. Munro	Nov. 18, 1963	6	100	2	"	D	Sand 2; blue clay 12; grey shale 18; white limestone 24; grey granite 84. Water at 80.
Range A " 4	J.W. Vanner	M. Marquardt	May 16, 1961	6	10	65	"	D	Clay 10; red granite 3; grey granite 114. Water at 113.
LR " 19	M. McLaughlin	C. Munro	Jun. 19, 1964	6	1	49	"	D	Sand 18; quicksand 52; brown granite rock 140. Water at 90.
Range C " 13	E. Carmichael	Pembroke Well Drilling	Sep. 15, 1961	5	12 1/2	14	"	D	Sand 8; red grey mixed granite 49. Water at 30 and 42.
Range C " 13	R. Duhn	"	Oct. 15, 1961	3	160	16	"	D	Sand 99; red granite 142. Water at 132.
Range C " 13	J. Boyd	"	Mar. 30, 1962	3	110	48	"	D	Sand 90; red granite 160. Water at 150.
Range C " 13	Arnprior	"	Sep. 30, 1963	6	125	78	"	D	Sand 105; granite 122. Dry hole.
Range C " 13	F.H. Hibbert	C. Munro	Mar. 10, 1961	6	12	125	"	D	Sand 90; clay 23; black granite 115. Water at 112.
Range C " 16	O. Leader	"	Nov. 6, 1964	5	35	36	Fresh	D	Red sand 90; blue clay 95; red sand 100; grey clay 120; grey harpan coarse broken gravel 133. Water at 133.
Range C " 23	H. Wiechenhal	B. Marquardt	Dec. 14, 1961	4	4 1/2	8	"	D	Topsoil 8; grey granite 40. Water at 38.
Con II " 29	R. Lietke	V.H. Marquardt	Oct. 26, 1964	5	112	12	"	D	Sand 6; harpan 19; blue granite 51. Water at 51.
Con V " 22	S. Autayo	B. Marquardt	Dec. 8, 1961	5	7	70	"	D	Brown topsoil boulders 10; reddish rock 23; grey granite 61; red granite 115. Water at 105.
Con XVI " 23	V. Garz	V.H. Marquardt	Oct. 25, 1963	5	10	50	"	D	Fine sand 35; blue clay 60; quicksand 100; medium coarse gravel 104. Water at 101.
Con XVII " 24	V.H. Marquardt	"	Apr. 22, 1961	5	10	150	Fresh	D, S	Yellow sand 25; quicksand 45; grey granite 106. Water at 90.
Renfrew Town	T. Houwen	F.E. Johnston	May 13, 1961	5	5	30	"	D	Sandy loam 19; blue clay 23; grey granite 200. Water at 140 and 186.
Renfrew Town	S.B. Roberts	H. Giffin		5	5	30	"	D	Brown topsoil stone 5; grey granite 60; red grey granite 96; coarse red granite 100. Water at 60, 96 and 100.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
BENEFIT COUNTY - cont. Benfrew Town	United Dairy & Poultry Co-op	F.E. Johnston Drilling Co. Ltd.	Feb. 10, 1962	8	3	143	48	Fresh	C	Blue clay 30; gravel small boulders 34; grey medium limestone 135; grey white brown shaly limestone 650; medium grey limestone 700. Water at 85 130, 660 and 690.
	G.W. Kiosik	G. Law	Apr. 6, 1962	5	4	22	13	"	D	Clay; sand 16; limestone 74. Water at 77.
	F. Jagg	H. Giffin	Apr. 11, 1963	5	9	60	40	"	D	Boulders clay gravel. 55; dark enless granite 77. 73; aged brown granite bands sandstone 92; coarse conglomerate rock 126. Water at 75 and 120.
Richards Twp. Con III	N. American Baptist Bible Camp	F.R. Cossette	Jun. 14, 1962	3	5	75	6	Fresh	F	Red sand 50; grey sand 190; sand boulders 203; red granite 296. Water from 273 to 296.
	F. Savles	B. Marquardt	Jun. 19, 1964	5	5	54	8 1/2	"	D	Brown topsoil 3; hardpan 16; grey granite 68. Water at 66.
	Ont. Dept. of Highways	V.H. Marquardt	Dec. 20, 1962	6	20	35	21	Cloudy	F	Sand 20; hardpan 58; grey granite 92. Water at 90.
Belknap Twp. Con A	E. Murock	H. Giffin	Jul. 15, 1963	4	6	70	60	Fresh	D	Fine yellow brown sand 23; dark gravel quicksand 86; gravel hard fine sand 97; grey sandstone rock 105. Water at 83 and 101.
	W. Labelle	B. Marquardt	Sep. 11, 1964	5	4	112	18	"	D	Old well 11; hardpan boulders 32; grey granite 122 1/2. Water at 120.
	J. McSaire	C. Munro	Mar. 29, 1963	6	1	70	10	"	D	Hardpan boulders 8; broken formation granite 11; multi-coloured granite 75. Water at 16 and 70.
	L.S. Larkin	V.H. Marquardt	Jul. 20, 1962	5	14	80	45	"	Ir	Old well 15; hardpan 25; light grey granite 181. Water at 180.
Range A	H. Schreeweiss Twp. School Area	K. Marquardt B. Marquardt	Aug. 19, 1963 Nov. 27, 1964	5 5	5 10	255 180	5 38	"	P	Tiled well 8; grey granite 255. Water at 70.
	E. Fox	V.H. Marquardt	Jul. 5, 1962	6	10	20	18	"	D	Old well 9; hardpan 22; grey granite 274. Water at 270.
	R.C.S.S. # 4	M. Marquardt	Sep. 16, 1963	6	6 1/2	403	10	"	P	Brown topsoil 12; grey granite 36. Water at 25.
	Colonial Inn	C. Munro	May 10, 1962	6	1	110	13	"	C	Hardpan boulders 38; grey granite 403. Water at 200 and 375.
Range B	W.H. Dunn	V.H. Marquardt	Jun. 19, 1962	4	1 1/2	10	12	"	D	Gravel hardpan large boulders 29; grey granite 72; red granite 80; grey granite 116. Water at 40 and 84.
	J. Ryan	B. Marquardt	Jul. 4, 1962	5	6	101	18	"	D	Coarse gravel 13; dark grey granite 73. Water at 70.
	R. Leclair	B. Marquardt	Sep. 25, 1964	5	15	35	Flows	"	D	Coarse sand 30; grey granite 124. Water at 120.
								"	D	Old well 15; brown sand 20; hardpan 28; dark grey granite 50. Water at 49.
Range B	Ont. Dept. of Highways	C. Munro	Jul. 9, 1962	5	10	240	11	"	P	Sandy hardpan large boulders 36; grey granite 70; red granite 90; grey granite 180; multi coloured granite 248. Water at 80 and 205.
	J. Ehrenthal	M. Marquardt	Sep. 26, 1963	6	5	22	18	"	D	Hardpan boulders 50; grey granite 70. Water at 68.
	L.S. Cruess	C. Munro	Jul. 19, 1963	6	2	45	15	"	D	Sand gravel mixed 50. Water at 50.
	J. Hilborn	"	Dec. 10, 1962	6	10	100	86	"	D	Red sand 80; grey slit 140; grey sand 145; grey granite 151. Water at 150.



## RENFREW COUNTY - cont.

Rolph Twp. - cont.	T.D.Overlin	Nov. 14, 1963	5	1	135	15	Fresh	D	Fine sand boulders 50; grey granite 135. Water at 125.
	Range B	Jun. 3, 1962	5	4 1/2	80	40	"	D	Brown soil 20; grey granite 85. Water at 80.
	Range B	Apr. 23, 1962	5	5	60	20	"	C	Sea sand 20; gravel 10; medium gravel 107. Water at 102.
	Range B	May 9, 1962	5	1 1/2	190	20	"	C	Hardpan 19; grey granite 81. Water at 175.
	Range B	May 13, 1962	5	1	70	21	"	D	Old dug well 15; grey granite 81. Water at 75.
	Range B	May 23, 1962	5	1	170	20	"	D	Brown topsoil 22; grey granite 81. Water at 60.
	Range B	May 23, 1962	5	3	100	28	"	D	Sand boulders 15; black granite 75; red granite 125; black granite 145. Water at 75 and 125.
	Range V	May 9, 1963	5	1 1/2	23	4	"	P	Sand boulders 40; granite greenstone 120. Water at 116.
	Con XII	Oct. 9, 1962	2	1 1/2	23		"		
	Con XII								
Ross Twp.	I. McMillan	Sep. 13, 1962	6	1 1/2	110	10	Fresh	S	Clay 23; dolomite 60; multi coloured granite 110. Water at 36 and 105.
	N.J. Turcotte	Dec. 12, 1962	5	45	22		"	D,S	Stoned well 28; grey granite 52. Water at 50.
	A. Johnston	Oct. 3, 1962	5	80	18		"	S	Hardpan 22; red granite 89. Water at 89.
	C. McLeod	Oct. 19, 1962	6	1	77	13	"	S	Clay 18; dolomite 75; black granite 77. Water at 75.
	P.W. Collins	Jul. 24, 1964	6	1	13		"	D,S	Old drilled well 74; grey blue granite 150. Water at 145.
	J.E. Gibson	Dec. 11, 1961	6	4	200	3	"	D,S	Clay 34; sand 37; granite 250. Water at 200.
	M. Hill	Dec. 22, 1964	5	8	125	22	"	D,S	Tiled well 35; grey granite 164. Water at 100 and 163.
	W. Bowes	Oct. 22, 1963	6	1 1/2	100	8	"	D	Loam 8; grey granite 100. Water at 37.
	L. Wright	Apr. 12, 1962	6	1	62	12	"	D	Dug well 12; blue granite 62. Water at 62.
	L. Lepine	Nov. 18, 1963	6	60	14		"	D	Sand loam 18; fine sand 144. Water at 110.
Con IV	E.P. Brown	Oct. 22, 1963	6	2 1/2	90	38	"	D	Brown sand 50; black granite 94. Water at 91.
	Ross T.S.A.	Nov. 8, 1963	5	5	30	10	"	D	Red sand boulders 28; grey granite 63; dark granite 98; grey sandstone 113. Water at 38 and 109.
	D. Headrick	Nov. 12, 1960	2	5	30	10	"	P	Sand 10; grey limestone 145. Water at 145.
	L. Craig	Nov. 28, 1960	2	30	212	6	"	S	Clay 38; grey limestone 212. Water at 212.
	G. McLaughlin	Nov. 2, 1964	2	10	40	16	"	D,S	Dug well 11; limestone 185. Water at 183.
	E. Gould	Dec. 1, 1960	2	6	25	14	"	S	Clay 30; grey limestone 252. Water at 250.
	R. McLaughlin	Sep. 17, 1962	5	6	18	13	"	D,S	Clay loam 6; black granite 68; black sandstone 94. Water at 65 and 90.
	G. Olmstead	Feb. 16, 1963	5	1 1/2	150	20	"	D,S	Sand gravel boulders 2; dark granite gneiss 260. Water at 80 and 210.
	S. Black	Nov. 22, 1962	5	1 1/2	150	13	"	S	Sand gravel 20; dolomite 60; crystalline limestone 80; dolomite 140; crystalline limestone 197. Water at 60 and 190.
	P. Robinson	Nov. 23, 1962	5	3 1/2	60	7	"	S	Blue clay 24; dark granite 55; reddish granite 85; white sandstone 92. Water at 55 and 85.
ND Con VI	C.V. Morrison	Feb. 26, 1961	5	5	19	19	"	D,S	Clay boulders 51; grey limestone 108. Water at 100.
	S. Robinson	Mar. 15, 1961	5	4	36	9	"	D,S	Dug well 12; grey granite 91. Water at 90.

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA. INCH METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
SENFREM COUNTRY - cont. Sebastopol Twp. lot 16 Con XII	M. Stufko	H. Giffin	Aug. 1, 1964	6 1/2	4 1/2	80	12	Fresh	D	Bands quicksand clay silt 103; coarse gravel small stones 105. Water at 73 and 105. Water at 40.
Con XIV	C. Harrington	V.H. Marquardt	Aug. 26, 1960	5	3	15	6	"	D	Quicksand 25; gravel 40 1/2. Water at 40.
Sherwood Twp. Con II	R.J. McMillan	V.H. Marquardt & Sons	Oct. 18, 1961	5	8	50		Fresh	D	Blue clay 50; quicksand 115; medium gravel 123. Water at 122
Con II	T.H. Conway	"	Sep. 11, 1963	5	3	112	12	"	D	Old well 12; fine sand 30; clay 90; quicksand 115; fine gravel 132. Water at 132
Con III	H.R. Linton	E.V. Marquardt	Dec. 9, 1964	5	6	140	15	"	P	Clay 48; grey granite 160. Water at 155 and 159.
Con III	J. Worthington	M. Marquardt	Feb. 18, 1963	6	3	200	30	"	D	Sand 78; grey granite 100. Water at 295.
Con IV	V. Gellera	V.H. Marquardt	Aug. 19, 1963	5	2	120	60	"	D	Brown topsoil 4; hardpan big stones 80; grey granite 129 1/2. Water at 125.
Con V	Barry's Bay Hospital	"	Jun. 2, 1960	6	21	12	Flows	"	P	Clay 2; quicksand 59; medium coarse gravel 61. Water at 60.
ORM Range B " 176	R. Falubeskie	"	Aug. 7, 1962	5	5	15	10	"	D	Grey granite 30. Water at 29.
ORM Range B " 176	I. Pelinskie	"	Aug. 6, 1963	5	1	20	15	"	D	Brown topsoil 4; grey granite streaks red rock 110. Water at 110.
ORM " B " 172	A. Herron	E.V. Marquardt	May 21, 1964	5	2	220	12	"	C	Previously drilled well 75; grey granite 232. Water at 230.
ORM " B " 174	D. Murray	V.H. Marquardt	Jul. 21, 1961	5	4	110	10	"	D	Brown soil 6; grey granite 118. Water at 117.
ORM " B " 174	A. Murray	M. Marquardt	Mar. 16, 1963	5	2	140	40	"	D	Dug well 40; quicksand 60; blue grey granite 157. Water at 150.
ORM " B " 156	L. Donaldson	V.H. Marquardt & Sons	Jun. 13, 1960	4	5	10	8	"	P	Brown topsoil 14; blue granite 40. Water at 39.
ORM " B " 169	R. Herron	"	Aug. 1, 1960	5	1	209	20	"	D	Hardpan 5; grey granite 209. Water at 100.
ORM " B " 171	K. Voldick	"	Oct. 4, 1960	5	1 1/2	125	4	"	D	Brown topsoil 1; grey granite 132. Water at 130.
ORM " B " 177	A.H. Chapeskie	"	Jun. 22, 1960	5	1	200	15	"	D	Hardpan 17; grey granite 200. Water at 150 and 199.
ORM " B " 180	M. Waite	"	Oct. 28, 1961	5	5	30	6	"	D	Sand 5; medium gravel 57. Water at 55.
ORM " B " 186	Dept. of Highways Ont.	M. Marquardt	Apr. 30, 1963	5	5	300	23	"	P	Sand 30; quicksand 75; gravel 85; grey granite 431. Water at 85, 110, 360 and 430.
ORM " B " 187	J. Lepinskie	V.H. Marquardt	Jan. 20, 1960	4	1 1/2	85	17 1/2	"	P	Old well 19; hardpan 39; grey granite 99 1/2. Water at 99.
ORM " B " 167	Hydro Electric Comm. Ont.	"	May 25, 1962	6	20	32	18	"	P	Pine gravel 60; quicksand 110; medium coarse gravel 119. Water at 60 and 116.
South Algonia Twp. Con I lot 7	A.E. Wigmore	E.V. Marquardt	Apr. 24, 1964	5	1	170	26	Fresh	D	Dug tiled well 25; gravel boulders 38; grey granite 138; red granite 170. Water at 90 and 160.
Con V	E. Pilatske	H. Giffin	Feb. 10, 1961	5			10	"	D, S	Brown loam boulders 12; red grey granite 80; coarse red grey granite 137. Water at 80.
Con VIII	J. Mullin	"	Nov. 16, 1961	5	10	31	21	"	S	Coarse limestone gravel granite boulders 24; limestone 41; brown sandstone 45; granular limestone 57; limestone sandstone 78; coarse limestone gravel rock 82; brown sandstone 96. Water at 42, 80 and 94.
Con XI	M.J. Mullin	H. Giffin	Nov. 3, 1961	5	6	50	25	"	D, S	Sandy soil boulders 11; red granite 32; coarse white gravel 33; white sandstone blotite 56; dark sandstone 86; red granite sandstone 87; dark sandstone 100. Water at 33, 87 and 93.
Con XII	L. Markus	M. Marquardt	Nov. 27, 1963	6	1 1/2	57	3	"	D	Dug well 10; fine gravel 14; grey granite 57. Water at 48.

BERNARD COUNTY - cont.

Stafford Twp.		C. Munro		Jun. 20, 1962		6		5		30		18		Fresh					
Con A	1st 36	S. Taylor																	
Con I	" 14	C. Histo		Nov. 27, 1964		6		1		40		10		"				Clay 42; gravel 45. Water at 43.	
Con I	" 18	J. Dehaan		Feb. 22, 1962		6		10		100		8		"				Clay 61; gravel 48. Water at 16 and 45.	
Con I	" 24	H. Robinson		Jan. 25, 1961		6		1		55		8		"				Grey hardpan 30; grey granite 125. Water at 41 and 120.	
Con I	" 26	E. Neuman		Jul. 25, 1964		6		5		231		23		"				Dug well 8; grey granite 62. Water at 55.	
Con I	" 27	M. Grife		Nov. 19, 1963		6		5		50		24		"				Dug well 27; hardpan 33; grey granite 231. Water at 226.	
Con I	" 28	F. Lehman		Jul. 17, 1963		6		3		45		15		"				Clay hardpan boulders 23; blue limestone 67. Water at 30, 40 and 65.	
Con I	" 29	A. Petznick		Sep. 26, 1962		6		1 1/2		80		35		"				Clay 15; hardpan boulders 28; grey limestone 50. Water at 45.	
Con I	" 32	Bum's Dairy	N.N. Faulkner	Mar. 28, 1961		6		6		250		20		"				Clay 22; hardpan boulders 55; brown limestone 85. Water at 65 and 78.	
Con I	" 32	"		May 12, 1962		7								"				Topsoil 1; fine brown sand 40; grey sandy clay 85; boulder 88; grey sandy clay 90; grey red granite 350. Water at 105, 170 and 225.	
Con I	" 32	"	F.E. Johnston	Apr. 21, 1962		6		60		55				"				Blue clay 40; fine brown sand 42; blue clay 72; fine sand 75. Gravel 75. Water at 42 and from 72 to 75.	
Con I	" 32	"	Drilling Co. Ltd.	Apr. 21, 1962		6								"				Sandy loam 6; sandy blue clay 34; fine grey sand stones 35; sandy blue clay 30; fine grey sand 52; fine coarse sand stones 55; grey granite 64. Water from 52 to 55 and from 55 to 64.	
Con I	" 32	"	"	Apr. 28, 1962		7		15		90		32		"				Sandy loam 14; blue clay 46; coarse brown sand 96; coarse gravel 108; grey granite 112. Water at 46 and from 96 to 108.	
Con I	" 32	K. Ryn		Sep. 17, 1964		6								"				Dug well 25; fine grey sand 85; granite 86.	
Con I	" 33	W.C. Verheyen	C. Munro	Apr. 4, 1962		6		10		50		30		"				Hardpan 60; medium gravel 63. Water at 64.	
Con I	" 36	J. Cull	V.H. Marquardt	Aug. 2, 1961		6		25		20		8		"				Sandy hardpan 23; red granite 30. Water at 26.	
Con I	" 36	N. Antler	C. Munro	Jul. 5, 1963		6		5		22		20		"				Dug well 23; clay sandy hardpan 40; gravel broken rock 43. Water at 42.	
Con I	" 36	"	"	Aug. 6, 1964		6		5		30		25		"				Clay 7; grey granite 10. Water at 47.	
Con I	" 36	W.D. Michaelis	"	Aug. 26, 1963		6		3 1/2		60		10		"				Clay hardpan 29; grey granite 75. Water at 32 and 70.	
Con I	" 36	S. Taylor	"	Sep. 3, 1964		8		5		25		20		"				Clay 44; gravel 47. Water at 47.	
Con I	" 37	P. Sylvester	"	Mar. 25, 1961		6		5		75		22		"				Grey hardpan boulders 18; grey granite 80. Water at 70.	
Con I	" 37	& Sons Ltd.	"	Jul. 12, 1961		6		5		25		2		"				Sand 12; red granite 30. Water at 24.	
Con I	" 37	R. Legault	"	Jul. 30, 1962		6		1 1/2		145		6		"				Hardpan 7; grey granite 145. Water at 25 and 125.	
Con I	" 37	Feabroke Glass Co.	"	Dec. 28, 1963		6		2		75		8		"				Sand fill 2; sand loam 7; grey granite 72; red granite 96. Water at 82.	
Con I	" 37	O. Cote	"	Sep. 8, 1964		2		1/2		232		28		"				Clay 7; grey granite 232. Water at 225.	
Con I	" 37	S. Bell	"	Oct. 26, 1964		2		5		20		10		"				Dug well 22; hardpan 31; multi coloured granite 36. Water at 35.	
Con I	" 38	V. Brumm	"	Sep. 17, 1964		6		2		80		1 1/2		"				Dug well 22; hardpan 28; red granite 92. Water at 80 and 90.	
Con II	" 1	Public School # 11	V.H. Marquardt	Jul. 1, 1961		4		4		100		6		"				Old drilled well 76; blue granite 186. Water at 185.	
Con II	" 2	M. Taylor	C. Munro	Oct. 24, 1962		6		5		100		16		"				Hardpan 14; brown limestone 31. Water at 30.	
Con II	" 2	I. Childerhose	"	Mar. 18, 1963		6		5		100		40		"				Gravel hardpan 4; shaly blue limestone 12; blue limestone 92; red limestone 115. Water at 45 and 110.	
Con II	" 11	G. Prange	"	Dec. 8, 1964		6		2		120		60		"				Hardpan boulders 12; limestone 124. Water at 102 and 122.	
Con II	" 17	E. Jement	"	Mar. 3, 1964		6		16		70		20		"				Dug well 28; grey limestone 138. Water at 136.	
Con II	" 24	N. Jarnel	"	Nov. 4, 1964		6		75		10		10		"				Loam 4; grey granite 80. Water at 50 and 65.	
Con II	" 27	N. Logan	"	Jan. 10, 1964		6		1		75		27		"				Sand 16; clay silt 29; grey granite 78. Water at 70.	
Con II	" 27	C. Paquette	"	Sep. 16, 1964		6		1		80		42		"				Dug well 17; grey granite 84. Water at 80.	
Con II	" 28	S. Klatt	"	Sep. 25, 1964		6		5		60		18		"				Dug well 12; grey sand salt 7; grey granite 88. Water at 87.	
Con III	" 28	W. Wright	"	Nov. 21, 1962		6		5		28		23		"				Hardpan boulders 32; red limestone 51. Water at 43.	

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LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
<b>BENEFIT COUNTY - cont.</b>										
Stafford Twp. - cont.										
Con III lot 10	B. Wright	C. Munro	Feb. 7, 1964	4 1/2	5	45	37	Fresh	D	Previously drilled 99; grey limestone 108. Water at 106.
Con III " 16	A. Wilkinson	"	Apr. 5, 1963	6	5	50	Flows	"	D	Hardpan boulders 28; brown limestone 55. Water at 50.
Con III " 19	E.C.S.S. # 2	"	Aug. 12, 1964	6	4	70	15	"	P	Drilled well 101; limestone 128. Water at 125.
Con III " 19	"	"	Sep. 2, 1963	6	1	95	6	"	P	Clay 10; quicksand 14; clay 83; gravel hardpan 90; grey limestone 101. Water at 98.
Con III " 20	W. Buckholt	J.B. Dufresne & Co. Ltd.	Nov. 20, 1968	6						Blue clay 27; red granite 280. Dry hole.
Con III " 20	"	"	Nov. 28, 1962	6	5	120	40	Fresh	D	Blue clay 23; red granite 120. Water at 110.
Con III " 20	"	"	Nov. 30, 1962	6	6	75	40	"	D,S	Blue clay 10; red granite 115. Water at 72.
Con IV " 3	L.O. Hallowan	V.H. Marquardt	Jan. 27, 1961	4	1	160	22	"	D	Old well 24; hardpan 75; grey granite 128; red granite 173.
Con IV " 7	S. Burgess	C.V. Morrison	Feb. 15, 1961	5	4	90	16	"	D,S	Water at 172.
Con IV " 7	J. Parfinko	C. Munro	Oct. 11, 1962	5	1	62	17	"	D	Hardpan boulders 43; red limestone 50; black granite 62. Water at 50.
Con IV " 8	O. Leach	C. Dufresne	Nov. 17, 1960	2	50	25	"	"	S	Clay gravel 45; granite rock 110. Water at 95 and 105.
Con IV " 9	C. Mackie	"	Feb. 23, 1961	2	3	35	26	"	D	Gravel hardpan 45; grey limestone 105. Water at 95 and 105.
Con IV " 9	O. Leach	"	Jun. 30, 1961	2	3	65	15	"	D	Clay boulder 40; granite 130. Water at 130.
Con IV " 11	E. Clarke	C. Munro	Feb. 3, 1964	6	3	90	13	"	D,S	Clay hardpan boulders 52; red granite 111. Water at 60 and 105.
Con IV " 12	L.M. Dick	C. Dufresne	Feb. 14, 1961	2	6	45	28	"	D	Sand boulder 33; limestone 100. Water from 95 to 100.
Con IV " 16	R. Chaput	C. Munro	Dec. 29, 1961	6	1 1/2	107	18	"	D	Hardpan 14; shaly limestone 17; grey limestone 107. Water at 80.
Con IV " 18	G. Lair	"	Jan. 22, 1964	6	5	50	18	"	D	Sandy loam 3; grey limestone 135; red limestone 167. Water at 145 and 160.
Con V " 3	K. Dick	"	Dec. 1, 1962	6	2	75	8	"	D,S	Hardpan boulders 44; grey granite 85. Water at 48 and 80.
Con V " 5	G. Cuddy	C. Dufresne	Nov. 16, 1960	2	3	85	28	"	D	Gravel boulder 66; granite rock 152. Water at 152.
Con V " 12	C. Plummer	C. Munro	Nov. 9, 1962	6	4	90	12	"	D	Clay hardpan boulders 57; red granite 87; black granite 96. Water at 93.
<b>Westmeath Twp.</b>										
Con A lot 8	C.E. Hooper	C. Munro	Oct. 20, 1964	6	7	3 1/2	3	Fresh	D	Sand 20; hardpan boulders 48; limestone 64. Water at 62.
Con I " 8	A. Dupuis	"	Sep. 15, 1964	6	22	15	"	"	D	Dug well 15; limestone 23. Water at 23.
Con I " 8	E. Graham	"	Sep. 25, 1964	6	5		"	"	N	Gravel hardpan 20; grey quicksand 40; limestone 41.
Con I " 9	D. Robinson	"	Jul. 28, 1964	6	5	20	12	Fresh	S	Dug well 16; dolomite 48. Water at 45.
Con I " 9	A. Hampel	"	Sep. 24, 1964	6	5	35	18	"	S	Clay 21; dolomite 40. Water at 30.
Con I " 10	W.T. Symonds	"	Nov. 28, 1964	6	2	100	14	Fresh	D,S	Dug well 16; limestone 27. Water at 25.
Con I " 12	B. Poff	"	Dec. 8, 1962	6	2	100	28	"	D,S	Hardpan boulders 92; limestone 116. Water at 94.
Con I " 13	W. Brown	"	Jan. 18, 1962	6	10	80	16	"	D,S	Sandy loam 4; grey granite 96. Water at 40 and 94.
Con I " 14	L.R. Montgomery	E.V. Marquardt	Nov. 11, 1964	6	15	100	35	"	D,S	Previously drilled well 70; brown limestone 140. Water at 138.
Con I " 17	C. Dennison	B. Marquardt	Dec. 1, 1964	5	8	110	40	"	D,S	Old well 34; blue clay 74; limestone gravel 134. Water at 130.
Con I " 19	C. Rieuwland	Pembroke Well Drilling	Jun. 9, 1961	5	8	12	12	"	D,S	Blue clay 140; hardpan 170; gravel. Water at 170.
Con II " 4	T.J. Finnerty & T.J. Lorbetshie	E.V. Marquardt	Nov. 24, 1964	5	2	100	15	"	D,S	Tiled well 32; hardpan 38; grey granite 112. Water from 50 to 100.
Con II " 6	H.R. Dunlop	"	Nov. 28, 1964	5	15	60	18	"	D,S	Previously drilled well 53; grey granite 113. Water at 112.
Con II " 14	S.S.# 12	C. Munro	Jul. 6, 1963	6	5	35	17	"	P	Dug well 15; silt fine sand 68; coarse gravel 93. Water at 93.

RENFREW COUNTY - cont.  
Westmeath Twp. - cont.

Con	S. Lachance	C. Munro	Nov. 4, 1964	6	10	65	47	Fresh	N	Clay 4; hardpan large boulders 48. Blue clay 46; limestone gravel 49; dark grey limestone 130; red paint rock 174. Water at 172. Dug well 15; limestone 30. Water at 28. Dug well 30; shaly limestone gravel 40. Water at 40. Dug well 14; limestone 28. Water at 26. Clay boulders 23; limestone 31. Water at 30. Blue clay 39; gravel 40. Water at 40. Sandy hardpan 20; sand fine gravel boulders 88; gravel 101. Water at 95. Dug well 18; clay 78; gravel hardpan 80; gravel 84. Water at 84. Clay hardpan boulders 46; gravel 49. Water at 48. Clay 25; hardpan 37; limestone 50. Water at 47. Dug well 14; clay boulders 40; limestone 54. Water at 52. Blue clay 14; hardpan boulders 17; hard blue limestone 40. Water at 28 and 34. Clay 16; limestone 33. Water at 30. Dug well 16; limestone 36. Water at 34. Clay hardpan 14; shaly limestone 28; blue limestone 38. Water at 36. Dug well 9; limestone 58. Water at 56. Dug well 18; limestone 40. Water at 38. Dug well 12; hardpan 18; limestone 45. Water at 38. Clay 16; limestone 26. Water at 24. Dug well 12; clay 16; limestone 26. Water at 24. Dug well 16; limestone 24. Water at 23. Clay 20; hardpan boulders 41; gravel 44. Water at 44. Clay 16; hardpan gravel 18; limestone 23. Water at 23. Dug well 15; hardpan boulders 19; gravel 22. Water at 22. Dug well 10; hardpan 20; shaly limestone 25. Water at 25. Clay band sand 104; dark gravel quicksand 107; quicksand fine gravel boulder 112; quicksand fine gravel 124; coarse fine sandstone rock calcite 150. Water at 104 and 147. Dug well 10; hardpan 15; limestone 30. Water at 27. Sand 5; clay 16; gravel 18. Water at 18. Clay 68; shaly limestone 69. Water at 69. Dug well 21; fine sand 130; gravel 135. Water at 134. Dug well 21; quicksand 60; hardpan 86; limestone 94. Water at 92. Clay hardpan 58; hardpan large boulders 64; gravel 69. Water at 68. Clay 8; limestone 20. Water at 18. Previously drilled 20; limestone 89. Water at 18 and 87. Clay 40; shaly limestone 41. Water at 41. Dug well 16; hardpan large boulders 42; shaly limestone 46. Water at 44. Dug well 16; limestone 70. Water at 65. Sand loam 49; grey limestone 88. Water at 80.
Con II	M. Faught	B. Marquardt	Jul. 17, 1964	5				"	D, S	
Con III	C. LaCroix	C. Munro	Sep. 24, 1964	6	5	18	15	"	S	
Con III	W. Bromley	"	Dec. 15, 1964	6	5	37	28	"	D	
Con IV	M. Gervais	"	Dec. 16, 1964	6	5	13	12	"	S	
Con IV	A. McNeill	"	Sep. 15, 1964	6	4	28	15	"	D, S	
Con V	M. Fynn	"	Jul. 25, 1964	6		Flows		"	D, S	
Con V	"	"	Dec. 17, 1962	6	7	49	45	"	D, S	
Con VI	A. Robinson	"	Nov. 13, 1963	6	5	80	20	"	D	
Con VI	S.S. # 2	"	Oct. 30, 1962	6	5	10		"	P	
Con VI	United Church	"	Oct. 23, 1964	6	5	25	17	"	P	
Con VI	L. StLouis	"	Oct. 22, 1964	6	5	15	13	"	D	
Con VI	Separate S.S. # 2	"	Jun. 2, 1961	6	18	20	13	"	P	
Con VI	F. Noctenboom	"	Aug. 16, 1962	6	5	30	20	"	D	
Con VI	M. Fitzpatrick	"	Aug. 17, 1962	6	5	30	16	"	D	
Con VI	E. Hickey	"	Sep. 30, 1963	6	5	18	12	"	D	
Con VI	J. Ethier	"	Apr. 28, 1964	6	1*	50	8	"	D	
Con VI	B. Kenny	"	Aug. 17, 1964	6	5	22	8	"	D	
Con VI	A. Blackwell	"	Aug. 18, 1964	6	5	40	7	"	D	
Con VI	H.G. Bromley	"	Sep. 24, 1964	6	5	20	11	"	D	
Con VI	F. Heady	"	Sep. 26, 1964	6	5	20	10	"	D	
Con VI	C.N. Cryllis	"	Oct. 2, 1964	6	5	15	10	"	D	
Con VI	R.P. Ethier	"	Oct. 30, 1964	6	5	38	13	"	D	
Con VI	W.C. Cryllis	"	Nov. 2, 1964	6	5	18	12	"	D	
Con VI	A. Burgesse	"	Nov. 5, 1964	6	5	15	8	"	D	
Con VI	Westmeath	"	Nov. 6, 1964	6	10	20	4	"	P	
Con VII	A. Lyttle	H. Giffin	Jul. 9, 1963	4	17	45	Flows	"	D	
Con VIII	M. McBride	C. Munro	Aug. 19, 1964	6	5	10	6	"	D	
Con VIII	P. Ersson	"	Oct. 24, 1964	6	5	15	5	"	D	
Con VIII	E. McBride	"	Oct. 6, 1964	6	5	35	3	"	S	
Con VIII	L. McNeill	"	Aug. 11, 1962	6	5	30	16	"	S	
Con VIII	L. McBride	"	Dec. 29, 1964	6	5	35	21	"	S	
Con VIII	M. Polsson	"	Aug. 23, 1962	6	5	25	16	"	D	
Con IX	C. Desjardins	"	Sep. 3, 1964	6	5	12	9	"	D	
Con IX	A. Leblanc	"	Oct. 6, 1964	6	5	25	12	"	D	
Con IX	J. Spotswood	"	Sep. 20, 1964	6	25	Flows	14	"	D	
Con B	"	"	Aug. 24, 1962	6	5	25		"	D	
Con II CL	J. Ypma	C.V. Morrison	Jul. 22, 1960	5	3*	50	26	"	D, S	
Con III CL	E. Lateroute	"	Jan. 26, 1961	5	5	14	14	"	D, S	

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
REMPREM COUNTY - cont.										
Westmeath Twp. - cont.										
CL Con IV lot 1	A. McBride	C. Munro	Jun. 12, 1963	6	5	50	6	Fresh	S	Clay 45; clay small stones gravel 75; gravel 80. Water at 80.
CL Con IV lot 3	A. Gervais	"	Jun. 10, 1963	6	20	20	4	"	S	Hardpan large boulders 40. Water at 40.
CL Con IV lot 4	R. Labine	Pembroke Well Drilling	Jun. 1, 1961	5	8	67	5	"	S	Clay boulders 28; limestone 67. Water at 60.
EF B	"	C. Munro	Jul. 30, 1964	6	5	30	18	"	D	Dug well 18; hardpan stones 37; shale limestone 48; limestone 22. Water at 60.
EP B	A. Gervais	"	Aug. 3, 1964	6	5	60	30	"	D	Clay 108; hardpan 115; shaly limestone 119. Water at 119.
EP C	J. Leclair	"	Dec. 31, 1964	6	5	45	20	"	D	Dug well 23; shaly limestone 49. Water at 45.
LD R	J.B. Santon	"	Apr. 2, 1963	6	5	60	17	"	D	Hardpan boulders 52; hardpan layers limestone 80; limestone 100. Water at 80.
MLW Con I	H. Hall	C. Dufresne	Dec. 7, 1960	3	8	80	25	"	S	Clay 3; red granite 210. Water at 210.
MLW Con I	O. Price	Pembroke Well Drilling	Dec. 8, 1961	3	8	32	16	"	D, S	Clay 13; limestone 63; granite 72. Water at 70.
MLW Con II	H. Dunlop	"	Jun. 15, 1961	3	2 1/2	54	3	"	D	Topsoil sand boulders 13; grey granite 54. Water at 54.
MLW Con I	H. Throette	McLean Water Supply Ltd.	Dec. 12, 1961	6	7	40	10	"	D, S	Clay 18; granite 50. Water at 40.
MLW Con I	A. Gratton	V.E. Marquardt	Oct. 24, 1962	6	22	260	8	"	P	Clay 15; grey granite 100; red granite 304. Water at 100 and 300.
NPA	Dept Highways	C. Munro	Sep. 24, 1962	6	1 1/2	72	14	"	D	Loam 11; grey granite 72. Water at 54.
NPA	C. Munro	"	Mar. 21, 1964	6	5	70	26	"	D	Dug well 15; hardpan boulders 18; grey granite 58; black granite 75. Water at 73.
NPA	F. Hutchison	"	Apr. 1, 1964	6	3	40	11	"	D	Clay 10; grey granite 47. Water at 20 and 45.
NPA	O. Martin	G. Law	Jul. 12, 1960	5	13 1/2	15	6	"	P	Clay quicksand 33; white limestone 134. Water at 125.
WFE	G. Colbourne	C. Munro	Jul. 11, 1963	5	12	12	Flows	"	D	Clay 17; gravel 19. Water at 19.
WFE	L. Dupuis	"	Jul. 25, 1963	6	5	6	4	"	D	Clay 18; gravel 20. Water at 20.
WFE	C. Laderoute	"	Jan. 7, 1964	5	35	35	3	"	D	Clay 16; shaly limestone 22; limestone 41. Water at 38.
WFE	Pentecostal Assembly of C an	"	Aug. 27, 1964	6	5	15	8	"	D	Clay 19; shaly limestone 21; limestone 30. Water at 28.
WFE	D. Kenny	"	Nov. 3, 1964	6	5	25	22	"	D	Clay 27; gravel 32. Water at 32.
WFE	J.A. Dunn	"	Sep. 25, 1964	6	3	40	22	"	D	Dug well 22; limestone 47. Water at 45.
WFE	W.H. Valliant	"	Dec. 15, 1964	6	5	75	34	"	S	Dry well 36; hardpan gravel 63; limestone 83. Water at 70 and 80.
WFE	C. Cervais	"	Jan. 26, 1962	6	3	30	18	"	D	Clay hardpan 18; shaly limestone 30; hard limestone 36. Water at 34.
Wilberforce Twp.										
Con A	L. Crusroeskie	C. Munro	May 25, 1963	6	1 1/2	35	20	Fresh	D	Sandy hardpan 3; limestone 35. Water at 28.
Con A	J. Buch	"	Jan. 30, 1964	6	2	80	6	"	D	Hardpan boulders 90; gravel 93. Water at 93.
Con VI	W. Fick	C.V. Morrison	Jul. 6, 1960	5	20	25	10	"	D	Brown loam 3; blue clay 20; grey limestone 30; red grey granite 50; red coarse granite 62. Water at 30, 50 and 52.
Con VII	S. Visutski	"	Aug. 19, 1962	5	15	85	10	"	D, S	Brown soil 4 1/2; light grey granite 118. Water at 114.
Con VII	E. Pape	V.H. Marquardt	Nov. 11, 1960	5	2	90	10	"	D	Brown topsoil 6; grey granite 100. Water at 40.
Con VIII	W. Levean	"	Jan. 10, 1961	5	1	115	8	"	D	Old well 10; red granite 135. Water at 134.
Con VIII	P. Lisk	A. Stanton	Apr. 21, 1961	6	10	63	9	"	D	Loam 12; red granite 57; grey granite 88. Water at 43, 60 and 85.
Con VIII	E. Bealov	V.H. Marquardt	Aug. 17, 1962	5	5	50	19	"	D	Old well 18; limestone 65 1/2. Water at 67.



RENPREW COUNTY - cont.  
Wilberforce Twp. - cont.

[illegible]

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
RUSSELL COUNTY - cont. Cambridge Twp. - cont. Con VII lot 29 Con IX " 11	L.Desrosiers R. Porgues	Cayer & Cayer Bourgeois & Sanche	Jan. 27, 1961 Sep. 1, 1960	4 4	15 20	15	15	Fresh	D, S	Dug well 16; blue clay 80; gravel 85. Water at 85. Grey clay 2; hardpan 5; limestone 130. Dry hole.
Con IX " 18	R. Rozon	"	Mar. 10, 1960	4	5	35	10	Fresh	D	Grey clay 16; blue clay 40; fine sand 56. Water at 56.
Con IX " 18	A. Legault	Cayer & Cayer	Oct. 20, 1961	4	16	6	4	"	D	Blue clay 43; gravel 54. Water at 54.
Con IX " 22	H. Bourgeois	Bourgeois & Sanche	Aug. 15, 1963	4	7	31	12	"	D, S	Red clay 10; blue clay 45; gravel 51. Water at 51.
Con IX " 29	A. Bissonnette	"	Oct. 11, 1960	4	2	50	10	"	S	Grey clay 7; hardpan 14; grey limestone 50. Water at 15.
Con X " 10	R. Ginier	"	Mar. 1, 1960	5	5	40	7	"	S	Brown soil 5; hardpan 12; grey limestone 75. Water at 75.
Con X " 11	E. Lafrance	"	Sep. 6, 1960	4	10	50	20	"	C	Previously drilled 75; limestone 100. Dry hole.
Con X " 18	L. Lafliche	"	Mar. 4, 1960	5	10	50	20	"	C	Grey clay 10; blue clay 50; fine sand 70; limestone. Water at 70.
Con X " 18	B. Vinette	G. Bourgeois	Feb. 29, 1964	4	5	45	9	"	D	Red clay 15; blue clay 4; sand 53; grey rock 55. Water at 54.
Con X " 19	R. Piche	Cayer Well Driller	May 18, 1962	4	8	45	12	"	D	Clay 35; hardpan 59; gravel 68. Water at 68.
Con X " 29	A. Landry	Bourgeois & Sanche	Oct. 4, 1960	4	3	35	15	"	S	Grey clay 9; sand 12; grey limestone 35. Water at 33.
Con X " 29	O. Legault	"	Oct. 24, 1960	5	5	21	12	"	S	Grey clay 10; hardpan 18; sand 21; grey limestone 38. Water at 21.
Casselman Village Casselman Vlg.	Post Office	Bourgeois Sanche	Apr. 30, 1960	4	5	70	4	Sulphur	P	Brown topsoil 20; blue clay 40; sand 44; grey limestone 204. Water at 200.
Casselman Vlg.	A. Pensonneault	"	Jun. 18, 1960	4	3 1/2	6	6	Fresh	D	Brown topsoil 30; quicksand 50; limestone 53. Water at 50.
Casselman Vlg.	L. Richer	Cayer Well Drillers	Jul. 25, 1960	4	15	26	15	"	D	Red clay 5; blue clay 22; clay pebbles 30; hardpan 47; gravel 50; limestone 52. Water at 52.
Casselman Vlg.	Cambridge High School G. Poirier	Bourgeois Sanche	Sep. 22, 1960	6	20	40	30	"	P	Brown topsoil 10; grey clay 20; sand 54; limestone 59. Water at 54.
Casselman Vlg.	Arena	"	Apr. 28, 1961	4	3	40	20	"	D	Brown topsoil 20; blue clay 40; coarse sand 58; grey limestone. Water at 58.
Casselman Vlg.	"	Cayer & Cayer	May 12, 1961	6	15	55	30	"	P	Sandy soil 15; blue clay 25; hardpan 53; gravel 54; grey limestone 72. Water at 54 and 70.
Casselman Vlg.	A. Lauzon	Cayer Well Drilling	Jul. 7, 1961	6	10	55	30	"	P	Sandy soil 5; blue clay 25; hardpan 59; gravel 61; grey limestone 72. Water at 70.
Casselman Vlg.	A. Gastongey	R. Bourgeois	Oct. 19, 1961	4	3	34	18	"	D	Hardpan 20; quicksand 27; hardpan stone 42; gravel 44; limestone 46. Water at 45.
Casselman Vlg.	L. Parlien	"	Nov. 8, 1961	4	3	17	10	"	D	Grey clay 10; blue clay 15; gravel 20; grey limestone 27. Water at 27.
Casselman Vlg.	H. Levac	"	Aug. 9, 1962	5	10	32	32	"	D	Yellow gravel 10; blue clay 25; hardpan 32; black rock 50. Water at 45.
Casselman Vlg.	"	"	Sep. 5, 1962	4	7	18	10	"	D	Yellow topsoil 10; blue clay 50; hardpan 60; gravel 66; grey r
Casselman Vlg.	A. Thiber	A. Cayer	Sep. 7, 1962	4	2 1/2	60	10	"	D	clay 18; hardpan 40; limestone 60. Water at 55.
Casselman Vlg.	E. Rouleau	R. Bourgeois	Sep. 15, 1962	4	8	35	18	"	P	Grey topsoil 20; hardpan 46; grey rock 108. Water at 105.
Casselman Vlg.	R. Poin	"	Nov. 3, 1962	4	5	15	20	"	D	Grey topsoil 5; blue clay 20; hardpan 50; sand 58. Water at 58.
Casselman Vlg.	A. Porgues	"	Apr. 2, 1963	4	10	15	7	"	D	Red clay 10; blue clay 40; gravel 50; grey rock 53. Water at 50.

RUSSELL COUNTY - cont.  
Casselman Vlg. - cont.

Casselman Vlg.	Cont.	Post Office	R. Bourgeois	Sep. 19, 1963	4	4	4	4	4	6	Fresh	P
Casselman Vlg.		P. Giroux	"	Sep. 23, 1963	4	5	35	20	"	D	Grey topsoil 10; blue clay 27; hardpan 35; gravel 39; rock 55. Water at 53.	
Casselman Vlg.		H. Desjardins	A. Cayer	Oct. 12, 1963	4	15	40	30	"	D	Red clay 21; hardpan 47; gravel sand 50. Water at 50.	
Casselman Vlg.		A. Dupuis	"	Oct. 17, 1963	4	4	50	30	"	D	Sandy topsoil 10; clay 45; gravel 49. Water at 49.	
Casselman Vlg.		A. Surprenant	G. Bourgeois	Feb. 12, 1964	5	4	40	15	Sulphur	D	Sandy topsoil 10; hardpan 40; sand 47; limestone 60. Water at 47.	
Casselman Vlg.		S. Daust	A. Cayer	May 1, 1964	5	1	100	40	Fresh	D	Yellow topsoil 7; blue clay 35; sand 45; gravel 50; grey rock 59. Water at 55.	
Casselman Vlg.		L. Racine	G. Bourgeois	Aug. 4, 1964	4	8	41	30	"	C	Sandy soil 9; clay 33; hardpan 42; limestone 100. Water at 60.	
Casselman Vlg.		A. Surprenant	"	Sep. 7, 1964	4	5	10	6	"	C	Sandy topsoil 8; clay 22; hardpan 45; gravel 57. Water at 50.	
Casselman Vlg.		A. Leveque	"	Sep. 15, 1964	5	7	12	10	"	D	Yellow topsoil 10; blue clay 32; gravel 41; grey rock 45. Water at 41.	
Casselman Vlg.		J. L. Gratton	A. Cayer	Oct. 5, 1964	5	5	40	32	"	D	Dug well 21; blue clay 42; hardpan 52; gravel 55; grey rock 57. Water at 55.	
Casselman Vlg.		R. Racine	G. Bourgeois	Oct. 14, 1964	4	5	12	12	"	D	Red clay 10; blue clay 25; hardpan 32; rock limestone 50. Water at 32.	
Casselman Vlg.		C. Sequin	M. Cayer	Dec. 3, 1964	5	3	68	25	"	D	Grey topsoil 20; grey rock 53. Water at 50.	
Clarence Twp.	lot 22	Outaouais Golf Club	G. Charbonneau Diamond & Cable Drilling	Jun. 2, 1964	2	5	20	8	Fresh	F	Grey topsoil 5; clay 36; gravel 38; limestone 68. Water at 45.	
Con I	" 27	E. Little	"	Aug. 29, 1963	2	8	20	10	"	D	Boulders blue clay 27; grey limestone 33. Water at 33.	
Con I	" 31	E. Numan	"	Jul. 20, 1963	7	2	50	8	"	D	Boulders gravel 5; brown limestone 55. Water at 55.	
Con II	" 2	A. Gallant	"	Dec. 4, 1964	2	2	80	60	Sulphur	D, S	Dug well 5; grey limestone 50. Water at 50.	
Con III	" 3	Separate S.S. # 11	"	Sep. 29, 1960	2	7	70	30	"	P	Blue clay 157; gravel 166; grey limestone 218. Water at 218.	
Con III	" 3	Z. Beauchamp	"	Sep. 3, 1963	2	7	25	22	Fresh	D, S	Quicksand 10; blue clay 119; grey limestone 193. Water at 193.	
Con III	" 7	C. Savage	"	Oct. 28, 1963	2	10	20	1	"	D, S	Blue clay 125; gravel 128; limestone 132. Water at 132.	
Con III	" 11	C. Lalonde	"	Jun. 9, 1960	2	9	50	7	"	In	Blue clay 30; gravel sand 36; grey limestone 40. Water at 40.	
Con III	" 11	B. Ouellette	"	Jul. 14, 1964	6	7	60	Flows	Fresh	D, S	Blue clay 50; gravel 58; brown slate 240; limestone 264. Water at 264.	
Con IV	" 13	R. Hape	"	Mar. 6, 1963	6	7	40	18	"	D, S	Overburden 60; shale slate 300. Dry hole.	
Con IV	" 10	H. Samur	"	Nov. 21, 1962	2	8	40	18	"	D, S	Clay 5; quicksand 50; limestone 100. Water at 100.	
Con IV	" 23	H. Potvin	"	Aug. 29, 1960	2	6	30	10	Salty	D, S	Blue clay 55; grey limestone 70. Water at 70.	
Con V	" 5	J. Chretien	"	Oct. 11, 1962	2	12	20	4	Fresh	D	Sandy loam 3; quicksand 15; blue clay 150; brown shale 156. Water at 156.	
Con V	" 6	P. Beauchamp	W. Cossette	Jun. 7, 1960	2	4	12	3	"	D	Blue clay 30; boulders sand 40; grey limestone 45. Water at 45.	
Con V	" 8	E. Plante	G. Charbonneau Diamond & Cable Drilling	Jun. 20, 1962	2	8	20	6	"	D, S	Clay 10; limestone 55. Water at 55.	
Con V	" 6	C. Happe	"	Aug. 27, 1964	2	8	20	Flows	"	D, S	Blue clay 15; fine gravel 30; grey limestone 35. Water at 35.	
Con V	" 7	D. Henri	"	Jun. 21, 1962	2	8	20	6	"	D, S	Blue clay 60; gravel boulders 82; grey limestone 88. Water at 88.	
Con V	" 13	Separate S.S. # 13	"	Apr. 12, 1960	4	8	Flows	Flows	"	P	Blue clay 15; fine gravel 30; grey limestone 35. Water at 35.	
Con V	" 13	P. Ouellette	"	Jun. 20, 1963	2	7	20	10	"	D	Loam 2; clay 22; sand 25; shale slate 310. Water at 310.	
											Blue clay 45; coarse gravel 75. Water at 75.	



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION <sup>1</sup>	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
RUSSELL COUNTY - cont. Clarence Twp. - cont. Con VI lot 2	A. Vian	W. Cossette	May 30, 1960	2	3	60	Flows	Sulphur	C	Clay 70; sand boulders 46; limestone 110. Water at 110.
Con VI " 4	C. Brunet	G. Charbonneau Diamond & Cable Drilling	Nov. 28, 1964	2	25	25	1	Fresh	D, S	Clay 40; gravel 71; grey limestone 81. Water at 81.
Con VI " 6	M. Vinette	"	Aug. 21, 1963	6	8	100	86	Sulphur	D	Blue clay 65; sand 70; limestone 230. Water at 230.
Con VI " 7	V. Leguerrier	"	Jun. 25, 1964	3	8	80	48	Fresh	D	Blue clay 155; grey limestone 174. Water at 174.
Con VII " 3	R. Wolfe	"	Mar. 22, 1960	3	8	85	50	"	D, S	Clay 140; boulders 150; limestone 159. Water at 159.
Con VIII " 6	D. Vian	"	Aug. 1, 1963	2	10	90	79	"	D	Blue clay 70; sand fine gravel 144; grey limestone 147. Water at 147.
Con VIII " 16	Commission- Sep. S. # 15	W. Cossette	Jan. 5, 1962	4	5	60	28	Salty	P	Blue clay 115; boulders sand 152; black shale 183; limestone 259. Water at 183.
Con IX " 8	O. Menard	G. Charbonneau Diamond & Cable Drilling	Sep. 13, 1963	2	9	50	40	Fresh	D	Clay 125; gravel 131; grey limestone 140. Water at 140.
Con IX " 9	L. Regimbald	"	Aug. 1, 1963	2	8	20	6	"	D, S	Blue clay 10; brown slate 20. Water at 20.
Con IX " 14	P. Sabourin	"	Jan. 24, 1963	2	7	40	21	"	D	Clay 150; sand boulders 156; grey limestone 168. Water at 168.
Con IX " 15	C. & J. Lalonde	W. Cossette	Nov. 4, 1961	3	6	15	"	"	S	Clay 105; sand boulders gravel 140; limestone 146. Water at 143.
Con X " 2	P. Mahnville	G. Charbonneau Diamond & Cable Drilling	Sep. 17, 1964	2	8	20	15	"	D, S	Blue clay 60; gravel 80; grey limestone 84. Water at 84.
OF Con I " 12	P. Lapointe	McLean Water Supply Ltd.	Sep. 21, 1964	6	7	150	60	Salty	N	Sand 6; blue clay 247; sand 260; gravel 270. Water from 250 to 270.
OF Con I " 16	S. Iverson	B. Phillips Drillings Co. Ltd.	Jun. 29, 1961	2	3	50	50	Fresh	D	Grey limestone 125. Water at 125.
OF Con I " 20	C. Fellowship Retreat House	McLean Water Supply Ltd.	Sep. 22, 1964	6	5	80	20	"	D	Clay 45; hardpan boulders 57; limestone 100. Water at 70.
OF Con I " 21	Golf Course	"	Apr. 1961	2	7	40	28	"	Ir	Boulders 6; grey limestone 50. Water at 50.
OF Con I " 21	Outsuals	"	Apr. 4, 1961	2	8	45	30	"	Ir	Grey limestone 53. Water at 53.
OF Con I " 21	Golf Club	"	Aug. 11, 1961	2	7	20	8	"	P	Sand 3; blue clay 10; grey limestone 46. Water at 46.
OF Con I " 21	Can. Legion	"	Dec. 27, 1960	2	5	30	10	"	P	Sand 8; grey limestone 40. Water at 40.
OF Con I " 23	G. Aspec	"	Aug. 10, 1961	2	6	40	12	"	D	Sand 4; gravel 9; broken stone 12; grey limestone 58. Water at 58.
OF Con I " 23	C. Migneault	"	Dec. 28, 1961	2	12	50	20	"	D	Quick sand 50; blue clay 200; fine grey sand boulders 298; dolomite shale 335; grey limestone 349. Water at 349.
OF Con I " 27	B. Pigeon	"	Mar. 21, 1961	2	6	25	10	"	D	Boulders 4; grey limestone 50. Water at 50.
Cumberland Twp. lot 5 Con I	P. Lortie	G. Charbonneau Diamond & Cable Drilling	Dec. 15, 1962	2	8	20	10	Fresh	D, S	Blue clay 33; grey limestone 40. Water at 40.
Con I " 10	Trans-Canada Builder Supply	"	Dec. 31, 1963	6	18	25	10	"	"D	Blue clay 225; fine sand 250; brown limestone 277. Water at 277.
Con I " 14	D. W. Johnston	"	Oct. 16, 1963	6	18	60	32	"	D	Blue clay 80; brown limestone 110; grey limestone 123. Water at 123.

RUSSELL COUNTY - cont.  
Cumberland Twp. - cont.  
Con I OF 3 lot 28

	H. St. Pierre	G. Charbonneau Cable & Diamond Drilling	Aug. 13, 1963	2	8	45	32	Fresh	D	
Con I OF 28	G. Brule	"	Nov. 28, 1963	2	8	20	15	"	D	Blue clay 53; grey limestone 66. Water at 66.
Con I OF 29	R. Dupuis & L. Jemas	"	Jun. 24, 1963	6	12	80	65	"	D	Blue clay 28; grey limestone 38. Water at 38. Blue clay 90; boulders 105; grey limestone 128. Water at 128.
Con I OF 29	R.L. Parent	"	Aug. 28, 1963	6	18	65	45	"	D	Blue clay 80; grey limestone 98. Water at 98.
Con I OF 30	Dept. of Highways	"	Sep. 23, 1961	6	12	32	28	"	C	Blue clay 102; coarse gravel 105. Water at 105.
Con I OF 34	J. Tetreault	"	Oct. 17, 1963	2	8	25	15	"	D	Blue clay 100; sand boulders 108; grey limestone 129. Water at 129.
Con I OF 35	D.C. Leger	"	Oct. 17, 1963	6	12	25	10	"	"	Boulders broken rock 14; grey limestone 62. Water at 62.
Con II 2	J.C. Lough	"	Nov. 6, 1964	2	8	65	55	"	D, S	Sand 22; blue clay 40; gravel 50; grey limestone 66. Water at 66.
Con II 10	E. Proulx	"	Nov. 28, 1964	6	8	30	10	"	D, S	Gravel boulders 10; grey limestone 92. Water at 92.
Con II 11	J. St. Denis	G. Christy	Aug. 14, 1962	4	3	16	6	"	D	Clay loam 5; limestone 73. Water at 70.
Con II 13	J. Deavy	G. Charbonneau Cable & Diamond Drilling	Sep. 10, 1964	6	8	25	15	"	D	Gravel boulders 30; grey limestone 48. Water at 48.
Con II 17	S. Rehia	W. Cossette	Jul. 2, 1960	2	1 1/2	70	21	"	D, S	Sand boulders 60; hardpan 73; black shale 150. Water at 80.
Con III 9	P. Malboeuf	G. Charbonneau Cable & Diamond Drilling	Jun. 23, 1960	3	7	20	10	"	D	Clay 52; coarse gravel 55. Water at 54.
Con III 9	E. Moriss	"	Sep. 15, 1964	6	10	20	15	"	D	Gravel boulders 30; sand 76; grey limestone 90. Water at 90.
Con III 10	O. Dutrisac	"	Aug. 27, 1961	2	8	20	7	"	D	Blue clay 35; quicksand boulders 64; grey limestone 73.
Con III 10	E. Proulx	"	Oct. 21, 1962	2	12	20	10	"	D, S	Blue clay 60; fine sand 68; grey limestone 77. Water at 77.
Con III 11	I. Leduc	"	Oct. 19, 1962	2	12	20	10	"	D	Sand 10; blue clay 60; boulders sand 75; grey limestone 81.
Con III 14	E. Labreche	"	Oct. 22, 1962	2	7	25	14	"	"	Water at 81.
Con IV B	K. Beaton	"	Mar. 9, 1961	2	6 1/2	25	21	"	D, S	Blue clay 40; coarse gravel 42. Water at 42.
Con IV 3	C. Mainville	"	Jul. 28, 1962	2	7	20	14	"	D	Boulders gravel 30; grey limestone 32. Water at 32.
Con IV 6	N. Bourgeois	"	Nov. 8, 1963	2	10	20	10	"	"	Blue clay 75; gravel 78; grey limestone 83. Water at 83.
Con IV 10	R. Faubert	"	Mar. 1, 1966	2	10	20	10	"	D	Clay 50; sand 70; limestone 77. Water at 77.
Con IV 10	P. Leduc	"	Mar. 3, 1960	2	15	20	10	"	D	Clay 55; sand 72; limestone 78. Water at 78.
Con IV 10	"	"	Jul. 7, 1961	2	7	20	10	"	D	Blue clay 40; boulders sand 50; coarse gravel 54. Water at 54.
Con IV 10	G. Giroux	"	Sep. 7, 1963	2	7	20	10	"	D	Clay 34; sand 56; grey limestone 76. Water at 76.
Con IV 10	Soeurs du Sacre-Coeur	"	Jan. 24, 1964	6	24	25	8	"	D	Gravel boulders 60; fine grey sand 73; grey limestone 83.
Con IV 10	M. Faubert	"	May 8, 1964	2	6	25	10	"	D	Blue clay 70; coarse gravel 80. Water at 80.
Con IV 11	R. Villeneuve	"	Jun. 21, 1960	2	8	20	7	"	D	Clay 69; limestone 73. Water at 73.
Con IV 11	"	"	Oct. 28, 1960	2	7	20	7	"	D	Blue clay 59; quicksand 70; grey limestone 71. Water at 71.
Con IV 11	F. Leduc	"	Sep. 18, 1961	2	6	20	10	"	D	Blue clay 70; boulders sand 88; grey limestone 126. Water at 126.
Con IV 11	Sacred Heart Convent	"	Dec. 18, 1961	2	7	20	10	"	D	Blue clay 35; sand boulders 68; grey limestone 72. Water at 72.
Con IV 11	A. Gravel	"	Jul. 4, 1962	2	12	20	7	"	C	Loam 2; quicksand 10; blue clay 50; quicksand 70; grey limestone 75. Water at 75.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
RUSSELL COUNTY - cont. Cumberland Twp. - cont. Con IV lot 11	R. Leviollette	G.Charbonneau Diamond & Cable Drilling	Apr.19,1963	2	12	20	10	Fresh	D	Clay 30;quicksand 69;grey limestone 87. Water at 87.
Con IV	P. Pilon	"	Jun.17,1964	2	10	20	4	"	D	Blue clay 30;coarse gravel 39. Water at 39.
Con IV	J. Dessaint	"	Aug. 1,1964	6	15	12	10	"	D,S	Boulders gravel 50;sand 75;grey limestone 82. Water at 82.
Con IV	G. Diotte	"	Oct.22,1962	2	10	20	10	"	D	Blue clay 40;coarse gravel 44. Water at 44.
Con IV	Twp.Hall	"	"	"	"	"	"	"	"	"
Con V	Leonard	"	Sep.26,1963	2	10	20	7	"	P	Blue clay 45;coarse gravel 49. Water at 49.
Con V	R.E.Platts	M. Cossette	Feb. 2,1960	2	6	25	18	"	D	Sand boulders 4;grey limestone 61. Water at 61.
Con V	C. Barrett	McLean Water Supply Ltd.	Jun. 6,1962	6	5	75	12	"	D	Boulders sand 4;limestone 168. Water at 168.
Con V	G. Macauley	G.Charbonneau Diamond & Cable Drilling	Jul.26,1963	6	24	30	16	"	D	Broken stone clay 10;grey limestone 60. Water at 60.
Con V	M. Proulx	"	Apr.16,1964	6	75	9	4	"	D	Boulders gravel 4;grey limestone 44. Water at 44.
Con V	"	"	Sep.23,1964	6	8	25	10	"	D	Boulders Gravel 4;grey limestone 50. Water at 50.
Con V	A. Laverne	"	May 5,1961	2	6	20	10	"	D	Brown shale 28;grey limestone 60. Water at 60.
Con V	Gilles-Dumas	W. Cossette	Sep.10,1962	2	5	40	25	"	D	Clay 100;sand boulder 105;black shale 115. Water at 115.
Con V	Greenwood	"	Oct. 5,1962	5	30	170	55	"	In	Grey limestone 209. Water at 209.
Con V	CheeseFactory	Diamond & Cable Drilling	"	"	"	"	"	"	"	"
Con V	W.Coburn	"	Nov.15,1962	5	6	80	24	Sulphur	D,S	Boulders gravel 60;loose shale 70;brown shale 151. Water at 151.
Con V	Bearbrook S.S.# 4	J.E.Dufresne & Co. Ltd.	Feb.18,1961	6	8	90	24	Fresh	P	Topsoil 6;rock black shale 180. Water from 95 to 175.
Con V	A. Lavigne	W. Christy	Sep. 3,1962	4	3	9	6	"	D	Clay loam 19;black shale 46. Water at 46.
Con V	E. Lanthier	"	Sep. 6,1962	4	3	9	5	"	D	Clay loam 11;black shale 48. Water at 43.
Con V	E. St.Louis	"	Oct.10,1962	4	3	8	5	"	D	Clay loam 2;shale 48. Water at 40.
Con VI	A. Bousgaard	W. Cossette	Jan. 2,1961	4	1	85	50	"	D	Previously drilled 78;black shale 267. Water at 267.
Con VI	P. V anviest	M. Christy	Oct.15,1963	4	3	32	12	"	D	Clay loam 29;slate 60. Water from 44 to 57.
Con VI	C. Faubert	G.Charbonneau Diamond & Cable Drilling	Jun. 4,1964	2	8	25	5	"	D	Blue clay 18;brown slate 27. Water at 27.
Con VI	C. Devine	"	Oct.19,1964	6	4	34	10	"	D,S	Sand 10;gravel boulders 34. Water at 34.
Con VI	L. Marcal	W. Christy	Jun.29,1962	4	3	20	9	"	D	Clay loam 15;black shale 30. Water at 30.
Con VI	M. Sallans	R.C.Johnston Drilling	Jun.26,1964	5	"	"	"	"	"	Sandy loam 3;blue clay stones 18;black shale 350. Dry hole.
Con VII	A. Scharf	G.Charbonneau Diamond & Cable Drilling	Nov.16,1964	6	8	80	21	Sulphur	D,S	Gravel boulders 16;grey limestone 132. Water at 132.
Con VII	N.A.Rivington	"	"	"	"	"	"	"	"	"
Con VII	F. Kerry	J.B.Dufresne Co.	Dec. 9,1960	6	6	55	10	Fresh	D,S	Black shale 30;shale limestone 280. Dry hole.
Con VII	P. Robinson	"	Nov.17,1960	4	3	74	21	"	D	Clay 10;black shale 55. Water at 50.
Con VII	United Church Manse	W. Christy	Nov.19,1960	4	3	74	16	"	D	Boulders 11;hardpan 25;grey limestone 130. Water at 90.
Con VII	"	"	Aug. 6,1960	4	3	74	16	"	D	Black loam 14;hardpan 28;shale 95. Water at 47.
Con VII	B. Scheepers	"	Nov.16,1961	4	3	36	6	"	D	Clay loam 29;shale 75. Water from 45 to 70.
Con VII	T. Seales	"	May 10,1962	4	3	18	8	"	D	Black loam 30;black shale 60. Water at 60.
Con VII	A. Marshall	"	Apr.22,1963	4	3	15	11	"	D	Clay loam 14;shale 60. Water at 55.
Con VII	H. Whissell	G.Charbonneau Diamond & Cable Drilling	Sep. 3,1964	6	3	25	10	"	D	Blue clay 10;shale 15;brown slate 40. Water at 40.



RUSSELL COUNTY - cont.

Cumbersland Twp.	Cont.	P. Jackson	W. Christy	Aug. 26, 1963	4	3	21	12	Fresh	D	Heavy loam 4; slate 47. Water at 40. Clay 1; boulders sand gravel 30; grey limestone 78. Water at 77.
Con VIII	A	T. Cox	V. Cossette.	Jan. 13, 1961	2	6	10	12	"	S	
Con VIII	"	L. Edwards	G. Charbonneau	Oct. 28, 1964	6	8	60	10	Sulphur	D, S	Boulders broken rock 10; grey limestone 129. Water at 129.
Con VIII	"	P. Hodges	V. Cossette	Dec. 7, 1960	2	3	55	28	Fresh	D	Sand boulders gravel 9; grey limestone 102. Water at 98.
Con VIII	"	S. J. # 10	C. Charbonneau	Feb. 14, 1964	2	8	20	6	"	P	Blue clay 3; coarse gravel 35. Water at 35.
Con VIII	"	L. Lancaster	Diamond Cable	Nov. 10, 1964	2	9	20	10	"	D, S	Blue clay 37; gravel 39. Water at 39.
Con VIII	"	J. Toonders	" Drig.	Apr. 2, 1962	2	8	20	4	"	D, S	Blue clay 45; gravel 65; boulders sand 78; grey limestone 89. Water at 89.
Con VIII	"	A. Thibodeau	"	Apr. 6, 1962	2	8	20	4	"	D, S	Blue clay 20; boulders sand 58; grey limestone 102. Water at 102.
Con VIII	"	E. Clarke	"	Dec. 30, 1964	2	7	25	16	Sulphur	D	Blue clay 29; sand gravel 40; gravel boulders 69; brown slate 71. Water at 71.
Con VIII	"	C. Armstrong	"	Dec. 9, 1960	2	7	30	18	Fresh	D	Topsoil 2; quicksand 8; blue clay 55; coarse gravel 61. Water at 61.
Con VIII	"	Public School	J.B. Dufresne Co. Ltd.	Dec. 29, 1960	6	10	44	15	"	P	Blue clay 30; sand gravel boulders 42; broken shale 60. Water from 45 to 60.
Con VIII	"	R. Cleroux	G. Charbonneau	Feb. 14, 1961	2	7	25	16	"	D	Grey clay 50; sand boulders 67; brown slate 71. Water at 71.
Con VIII	"	R. Derby	V. Cossette	Sep. 28, 1961	3	12	28	10	"	D	Grey clay 34; sand gravel boulders 44; black limestone 70. Water at 68.
Con VIII	"	E. Hamilton	W. Christy	May 4, 1961	4	4	19	12	"	D, S	Black clay 17; black slate 40. Water at 36.
Con IX	"	W. Egert	G. Charbonneau	Mar. 30, 1961	2	7	25	18	"	D	Blue clay 90; gravel 94. Water at 94.
Con IX	"	L. Gratton	"	Dec. 17, 1960	2	7	25	19	"	D	Blue clay 90; gravel 100. Water at 100.
Con IX	"	E. Chalut	"	Nov. 2, 1964	2	10	50	25	"	D, S	Blue clay 95; gravel 101; grey limestone 103. Water at 103.
Con IX	"	P. Benecourt	"	Aug. 7, 1963	2	10	40	25	"	D, S	Blue clay 120; sand fine gravel 128; grey limestone 142. Water at 142.
Con IX	"	R.C.A.F. Stn	B. Phillips Drig	Sep. 8, 1961	6	30	6	5	"	P	Heavy grey clay 47; shale bedrock 47 1/2. Water at 47.
Con IX	"	P.A. Girard	Co. Ltd.	Jul. 27, 1961	6	8	25	10	"	D	Blue clay 15; gravel 32; black shale 35. Water at 35.
Con IX	"	Calvary	J.B. Dufresne Co. Ltd.	Jul. 16, 1962	5	18	40	12	"	D	Boulders hardpan 55; brown slate 85; grey limestone 114. Water at 114.
Con IX	"	Christian Reformat Church	G. Charbonneau Diamond Cable	Jul. 23, 1962	5	24	30	10	"	D, S	Boulders hardpan 55; brown slate 90; grey limestone 110. Water at 110.
Con IX	"	S. Cotton	" Drig.	Dec. 28, 1961	4	3	17	2	"	D, S	Sand gravel 20; clay 43; black shale 125. Water from 65 to 95.
Con IX	"	S. Smith	W. Christy	Aug. 17, 1964	2	6	20	16	"	D	Blue clay 60; gravel 68. Water at 68.
Con IX	"	S. Lancaster	G. Charbonneau Diamond Cable	Jan. 27, 1961	6	2 1/2	50	15	"	D	clay 18; grey rock limestone 50. Water at 45.
Con IX	"	K. McFadden	J.B. Dufresne	Nov. 18, 1964	2	6	25	7	"	D	Clay 115; gravel 125. Water at 125.
Con X	"	G. Grenier	G. Charbonneau Diamond Cable	Dec. 5, 1960	2	7	25	10	"	D	Blue clay 160; sand boulders 208; grey limestone 220. Water at 220.
Con X	"	R. Lalonde	"	Oct. 21, 1964	2	10	20	7	"	D, S	Blue clay 96; gravel 97. Water at 97.
Con X	"	A. Tasse	"	Mar. 18, 1962	4	6			"	S	Blue clay 65; sand boulders 80; limestone 260. Water at 250.
Con X	"	Romoco Turkey Farm	M. Cossette	Oct. 6, 1961	2	7	20	10	"	D	Clay 55; gravel shale 60. Water at 60.
Con X	"	E. Nederic	G. Charbonneau Diamond Cable								

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# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
RUSSELL COUNTY - cont. Cumberland Twp. cont.										
Con X	N. Cleroux	G. Charbonneau Diamond Drilling	Jul. 29, 1960	3	6	40	30	Fresh	D	Blue clay 75; gravel 82. Water at 82.
Con X	C. Bergeron	"	Oct. 14, 1960	2	7	50	32	"	D	Sand 6; blue clay 80; brown shale 85. Water at 85.
Con X	A. Blanchard	"	May 19, 1962	2	5	60	18	"	D	Sand 6; blue clay 80; brown shale 92; grey limestone 153. Water at 153.
Con X	C. Cleroux	"	Sep. 13, 1960	2	7	45	27	"	D	Sandy loam 5; quicksand 12; blue clay 85; brown shale 89. Water at 89.
Con X	C. Thibault	"	Dec. 8, 1960	3	7	60	21	"	D	Quicksand 8; blue clay 85; brown shale 94. Water at 94.
Con X	G. Cormier	J. L. Lafresne & Co. Ltd.	Oct. 12, 1963	6	12	60	26	Sulphur	D	Sand 10; clay 74; shale 75. Water at 75.
Con X	R. Meloche	G. Charbonneau Diamond Drilling	Dec. 14, 1964	2	10	50	30	"	D	Clay 73; gravel 77. Water at 77.
Con XI	E. Lavertue	"	Jun. 1, 1962	2	7	20	7	Fresh	D	Blue clay 150; gravel 162; grey limestone 166. Water at 166.
Con XI	M. Leblanc	"	Aug. 23, 1963	2	7	25	7	"	D	Blue clay 168; grey limestone 173. Water at 173.
Con XI	J. M. Lafontaine	"	Oct. 27, 1964	2	23	25	7	"	D	Clay 155; gravel 160. Water at 160.
Con XI	E. Fharid	"	Nov. 13, 1961	2	12	20	7	"	D	Blue clay 18; grey limestone 48. Water at 48.
Con XI	R. Grégoir	"	Aug. 16, 1963	2	2	23	7	"	D	Blue clay 175; sand 180; grey limestone 183. Water at 183.
Con XI	J. Lallier	"	Jul. 23, 1964	2	2	23	4	"	D	Blue clay 26; grey limestone 49. Water at 49.
Con XI	C. Ouellette	"	Sep. 6, 1962	2	10	15	3	"	D	Blue clay 40; coarse gravel 45. Water at 45.
Con XI	G. Talbot	"	Aug. 12, 1962	2	10	20	2	"	D	Blue clay 78; gravel 78. Water at 78.
Con XI	F. Turpin	"	Jul. 30, 1964	2	8	20	2	"	D	Blue clay 72; coarse gravel 81. Water at 81.
Con XI	A. Leclerc	"	Aug. 3, 1960	2	10	20	10	"	D	Blue clay 60; gravel 65. Water at 65.
Con XI	R. Robison	"	Aug. 4, 1960	2	10	20	10	"	D	Topsoil 2; quicksand 10; blue clay 80; coarse gravel 85. Water at 85.
Con XI	R. Viau	"	Aug. 5, 1960	2	7	20	10	"	D	at 85.
Con XI	X. Cleroux	"	Dec. 11, 1962	2	8	45	21	"	D	Blue clay 98; brown shale 119. Water at 119.
Con VI	E. Cleroux	"	Aug. 9, 1960	2	6	70	33	"	D	Blue clay 90; gravel 100. Water at 100.
Con XI	E. Cleroux	"	Dec. 15, 1960	3	7	50	21	"	D	Sand 6; blue clay 80; brown shale 84. Water at 84.
Con XI	G. Cleroux	"	Jul. 4, 1964	2	12	45	28	"	D	Sand 12; blue clay 80; gravel 83; grey limestone 92. Water at 92.
Con XI	A. Lavergne	"	Nov. 17, 1964	2	10	50	34	"	D	Blue clay 73; gravel 74; grey limestone 79. Water at 79.
Con XI	A. Robison	"	Jul. 23, 1964	2	7	50	32	"	D	Sand 10; blue clay 75; sand gravel 83; grey limestone 104. Water at 104.
Con XI	W. Woods	"	Nov. 2, 1964	2	10	30	20	"	D	Blue clay 42; gravel 45. Water at 45.
Con I	G. Frenk	"	Jun. 7, 1960	2	5	20	10	"	D	Clay 8; limestone 52. Water at 52.
Con I	D. F. Lehey	Molouhney Well Drilling	Jun. 15, 1961	5	25	55	50	"	D	Fractured limestone 8; grey limestone 88. Water at 70 and 88.
Con I	R. Lalonde	G. Charbonneau Diamond Drilling	Oct. 6, 1964	2	10	50	36	"	D	Clay 83; sand 90; grey limestone 112. Water at 112.
Con I	E. Cooner	"	Aug. 9, 1961	2	8	60	31	"	D	Blue clay 85; coarse gravel 92. Water at 92.
Con I	J. C. Breath- waite	"	May 1, 1963	2	8	60	25	"	D	Blue clay 80; boulders sand 90; grey limestone 98. Water at 98.
Con I	W. Smith	"	Jun. 30, 1964	2	8	50	26	"	D	Blue clay 75; gravel 80; grey limestone 102. Water at 102.
Con I	L. Peares	"	Nov. 3, 1964	2	11	50	26	"	D	Blue clay 66; gravel 70; grey limestone 73. Water at 73.
Con I	P. Mabeley	W. Cossette	Nov. 1, 1960	2	5	55	46	Sulphur	D	Blue clay 106; sand boulders 120; grey limestone 149. Water at 149.
Con I	G. Empeur	G. Charbonneau Diamond Drilling	Jul. 3, 1961	2	8	60	32	Fresh	D	Sand 5; blue clay 100; boulders 108; grey limestone 130. Water at 130.
Con I	A. Aubin	"	Aug. 12, 1962	2	7	20	2	"	D	Blue clay 130. Water at 130.
Con I										Blue clay 190; fine grey sand 202; grey limestone 208. Water at 208.

RUSSELL COUNTY - cont.

Cumberland Twp. - cont.		L.C. Smith		Sept. 6, 1963	5	8	58	36	Fresh	D		
OF Con I	" 14	T. Porter	F.E. Johnston Drilling Co. Ltd.	Jul. 12, 1960	3	7	50	38	"	D	Sandy loam 3; blue clay 167; silt grey sand 190; blue clay 206; silt grey sand 221; coarse sand 235. Water at 180 and from 206 to 235.	
OF Con I	" 14	T. Rochon	G. Charbonneau Diamond Drilling	Jun. 14, 1960	3	7	45	30	"	D	Blue clay 66; boulders sand 70; limestone 77. Water at 77.	
OF Con I	" 14	J. Barteaux	"	Jun. 8, 1960	3	7	45	30	"	D	Clay 50; boulders 58; limestone 65. Water at 65.	
OF Con I	" 14	St. Andrews	V. Cossette	Feb. 8, 1961	4	7	80	55	"	P	Clay 40; boulders 45; limestone 50. Water at 50.	
OF Con I	" 14	United Church	"	Aug. 23, 1961	2	7	60	38	"	D	Clay 7; boulders gravel sand 81; limestone 112. Water at 110.	
OF Con I	" 14	H. Rodney	G. Charbonneau Diamond Drilling	Jan. 24, 1962	6	2	160	35	"	D	Clay 70; grey sand 78; grey limestone 96. Water at 96.	
OF Con I	" 14	K. Scott	J.B. Dufresne & Co. Ltd.	Sep. 25, 1964	6	2	65	30	"	D	Red clay 80; blue clay 145; boulders sand 155; gravel 156; grey limestone 140. Water at 156.	
OF Con I	" 15	S. LeMellan	G. Charbonneau Diamond Drilling	Nov. 19, 1960	2	6	50	30	"	D	Clay 28; grey limestone 100. Water at 40 and 94.	
OF Con I	" 15	A. Destaler	"	Mar. 27, 1961	2	6	40	21	"	D	Blue clay 56; grey limestone 63. Water at 63.	
OF Con I	" 15	D. Lancaster	"	Dec. 3, 1961	2	7	70	49	"	D	Boulders gravel 12; grey limestone 50. Water at 50.	
OF Con I	" 15	J. Hayes	"	Mar. 2, 1962	2	8	50	33	"	D	Sand 8; blue clay 92; grey limestone 103. Water at 103.	
OF Con I	" 15	E. Scharf	"	Jul. 2, 1962	5	17	40	21	"	D	Blue clay 50; boulders gravel 54; grey limestone 82. Water at 62.	
OF Con I	" 15	D. Barnett	"	Nov. 2, 1962	2	12	45	40	"	D	Blue clay 8; boulders gravel 12; grey limestone 95. Water at 95.	
OF Con I	" 15	Motor Garage	"	Oct. 29, 1963	6	12	70	50	"	D	Blue clay 35; boulders fine sand 48; grey limestone 52. Water at 52.	
OF Con I	" 15	A. Lemarche	"	Mar. 17, 1964	6	10	40	25	"	C	Blue clay 75; fine sand 77; grey limestone 100. Water at 100.	
OF Con I	" 15	K. Smith	"	Nov. 25, 1964	6	6	60	35	"	D	Boulders clay 30; grey limestone 107. Water at 107.	
OF Con I	" 16	T.H. Smith	V. Cossette	Feb. 11, 1961	4	4	65	51	"	D	Gravel boulders 12; grey limestone 107. Water at 107.	
OF Con I	" 16	O. Ouellette	G. Charbonneau Diamond Drilling	Sep. 29, 1961	2	8	50	30	"	D	Clay 63; limestone 81. Water at 79.	
OF Con I	" 16	W. Barchet	"	Dec. 27, 1961	2	12	70	50	"	D	Boulders gravel 9; grey limestone 110. Water at 110.	
OF Con I	" 16	F. Machaud	"	Oct. 10, 1962	2	8	65	50	"	D	Sandy loam 3; blue clay 80; coarse gravel 83. Water at 83.	
OF Con I	" 16	J.M. Pygas	"	Aug. 10, 1964	6	18	65	55	"	D	Blue clay 80; boulders sand 88; grey limestone 105. Water at 105.	
OF Con I	" 17	C.J. Jones	J.B. Dufresne & Co. Ltd.	Sep. 10, 1962	6	4	100	40	"	D	Blue clay 80; fine grey sand 85; grey limestone 77. Water at 97.	
OF Con I	" 18	G. Boris	"	Jan. 8, 1960	6	2	200	115	"	D	Clay 6; shaly limestone 150. Water at 95 and 137.	
OF Con I	" 18	M. Nash	"	Apr. 21, 1961	3	2	90	75	"	D	Blue clay 200; sand boulders 224; limestone 280. Water at 225.	
OF Con I	" 18	Ont. Dept. of Highways	G. Charbonneau Diamond Drilling	Apr. 14, 1962	4	15	60	36	"	P	Blue clay 105; grey limestone 120. Water at 110.	
OF Con I	" 18	C. Farmer	"	Jul. 28, 1962	5	7	40	21	"	D	Topsoil 2; blue clay 157; gravel 160. Water at 160.	
OF Con I	" 18	S. Moffat	"	Nov. 28, 1962	5	12	140	120	"	D	Blue clay 6; boulders gravel 12; blue limestone 52. Water at 52.	
OF Con I	" 22	Armstrong Constr. Ltd.	McLean Water Supply Ltd.	Jun. 25, 1963	5	7	140	120	"	D	Clay 210; coarse gravel 217. Water at 217.	
OF Con I	" 23	J.G. Livingston	G. Charbonneau Diamond Drilling	Apr. 17, 1963	6	8	50	10	"	D	Red clay 40; blue clay 183; gravel 190. Water at 190.	
OF Con I	" 24	N. Edwards	T.H. Adams	Jun. 30, 1960	4	8	130	16	"	D	Blue clay loose rock 15; grey limestone 62. Water at 62.	
OF Con I	" 24										Loam 3; limestone 130. Water at 130.	

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
RUSSELL COUNTY - cont. Cumberland Twp. - cont. lot 24										
OF Con I	A. Begin	G. Charbonneau Diamond Drilling	May 10, 1963	6	16	90	50	Fresh	D	Gravel boulders 35; limestone 240; white sandstone 250. Water at 250.
OF Con I	A. Watson	"	Aug. 1, 1961	2	3	85	75	"	D	Boulders gravel 10; grey limestone 210. Water at 210.
OF Con I	A. H. Kannti	J. E. Dufresne Co.	Jul. 16, 1962	6	5	200	90	"	D	Black shale 250. Water from 90 to 240.
OF Con I	P. Johnson	G. Charbonneau Diamond Drilling	Aug. 17, 1961	2	12	60	40	"	D	Blue clay 70; gravel sand 73; grey limestone 87. Water at 87.
OF Con I	C. St. Pierre	"	Sep. 20, 1964	2	8	40	25	"	D	Blue clay 45; grey limestone 59. Water at 59.
OF Con I	R. Stafford	"	Oct. 11, 1960	2	9	40	21	"	D	Blue clay 48; boulders 58; grey limestone 70. Water at 70.
OF Con I	W. Charlebois	"	Oct. 16, 1960	2	9	40	21	"	D	Blue clay 60; boulders 65; sand 70; grey limestone 75. Water at 75.
OF Con I	E. Nadon	W. Cossette	Aug. 3, 1962	4	6	70	60	"	D	Brown clay 90; sand 98; boulders sand 124; limestone 129. Water at 129.
OF Con I	Wick Products Ltd.	G. Charbonneau Diamond Drilling	Jan. 13, 1964	6	24	20	2	"	C	Blue clay 11; sand boulders 122; grey limestone 135. Water at 135.
OF Con I	A. Charbonneau	"	Feb. 25, 1961	2	6	25	16	"	D	Boulders 10; grey limestone 70. Water at 70.
OF Con I	G. Charbonneau	"	Mar. 17, 1961	4	25	11	4	"	D	Blue clay 25; boulders gravel 85. Water at 85.
OF Con I	B. Rothwell	"	Jun. 26, 1962	5	18	20	10	"	D, S	Blue clay 25; fine gravel 27; grey limestone 57. Water at 57.
OF Con I	T. Dundas	"	Feb. 20, 1963	6	8	40	15	"	D	Boulders gravel 12; blue limestone 101. Water at 101.
OF Con I	A. D'Aoust	"	May 8, 1961	2	8	25	13	"	D	Blue clay 75; gravel 81. Water at 81.
OF Con I	L. Taylor	"	May 23, 1962	2	9	20	4	"	D	Blue clay 77; boulders sand 79; grey limestone 89. Water at 89.
OF Con I	L. Brisbois	"	Nov. 21, 1960	4	14	70	16	"	P	Blue clay 65; gravel 77; grey limestone 93. Water at 93.
OF Con I	L. Lacasse	"	Feb. 16, 1961	2	1	30	17	"	D	Blue clay 35; boulders sand 38; grey limestone 45. Water at 45.
OF Con I	R. Chenier	"	May 18, 1961	2	8	25	15	"	D	Blue clay 80; coarse gravel 90. Water at 90.
OF Con I	E. Brisebois	"	Jul. 4, 1961	2	7	25	18	"	D	Blue clay 60; boulders gravel 73; grey limestone 85. Water at 85.
OF Con I	R. Charbonneau	M. Cossette	Nov. 13, 1961	2	3	20	12	"	D	Dug well 12; gravel sand 18; grey limestone 78. Water at 78.
OF Con I	D. Lemay	G. Charbonneau Diamond Drilling	Mar. 16, 1962	2	8	40	21	"	D	Blue clay 70; boulders sand 89; grey limestone 103. Water at 103.
OF Con I	J. Lalonde	"	May 21, 1962	2	7	20	2	"	D	Blue clay 63; boulders sand 77; grey limestone 79. Water at 79.
OF Con I	D. Brisebois	"	Nov. 13, 1962	2	12	20	12	"	D	Blue clay 70; sand boulders 80; brown shale 85; grey limestone 104. Water at 104.
OF Con I	E. Strober	"	Jan. 2, 1964	2	8	25	20	"	D	Blue clay 88; coarse gravel 94. Water at 91.
OF Con I	P. Renault	J. B. Dufresne Co. Ltd.	Aug. 18, 1964	6	20	45	17	"	D	Clay 51; limestone 60. Water at 55.
OF Con I	E. Nadon	W. Cossette	Feb. 22, 1961	3	3	45	22	"	D	Blue clay 102; boulders sand 120; grey limestone 143. Water at 143.
OF Con I	R. Langlois	G. Charbonneau	Feb. 27, 1961	3	6	35	20	"	D	Blue clay 81; gravel 86; hardpan 87. Water at 87.
OF Con I	A. Cholette	Diamond Drilling	Aug. 30, 1961	2	6	25	10	"	D	Blue clay 16; grey limestone 91. Water at 91.
OF Con I	H. Tetreault	"	Jun. 22, 1962	2	8	20	15	"	D	Blue clay 85; gravel boulders 99; grey limestone 112. Water at 112.
OF Con I	G. Vinnette	"	Oct. 1, 1964	6	6	80	30	"	D	Grey limestone 176. Water at 176.
OF Con I	M. Leblanc	Y. Giroux	Jun. 23, 1962	4	4	30	10	"	D	Clay stone 13; grey rock 95. Water at 40 and 80.
OF Con I	E. Robert	J. B. Dufresne Co. Ltd.	Jul. 19, 1963	6	17	90	25	"	S	Old well 30; blue clay 40; grey limestone 140. Water at 90.
OF Con I	A. Collier	G. Charbonneau Diamond Drilling	Jun. 24, 1960	3	7	20	7	"	D	Blue clay 35; grey limestone 54. Water at 54.

RUSSELL COUNTY - cont.

Cumberland Twp. - cont.	G. Bolch		Aug. 18, 1960	2	7	20	7	Fresh	D	Blue clay 30; grey limestone 52. Water at 52.
OF Con I	J. Dowd	"	Aug. 18, 1960	2	10	20	7	"	D	Blue clay 35; gravel 40. Water at 40.
OF Con I	S. Levesque	"	Dec. 10, 1960	2	6	20	12	"	D	Blue clay 67; gravel boulders 70; grey limestone 74. Water at 74.
OF Con I	A. Wilcox	"	Feb. 20, 1961	2	6	18	10	"	D	Boulders 7; grey limestone 18. Water at 18.
OF Con I	N. Smith	"	Jun. 20, 1963	2	12	30	10	"	D	Blue clay 75; grey limestone 90. Water at 90.
OF Con I	P. Ling	"	Jun. 20, 1963	2	12	20	10	"	D	Blue clay 30; broken rock 45; grey limestone 60. Water at 60.
OF Con I	R. Paquette	M. Cossette	Aug. 16, 1962	2	3	40	18	"	D	Blue clay 135.
OF Con I	H.A. Burgess	G. Charbonneau	Mar. 21, 1962	2	8	20	Flows	"	D	Blue clay 38; grey limestone 53. Water at 53.
OF Con I	Diamond Drilling	Y. Diorieux	Jan. 5, 1960	4	5	20	12	Sulphur	D	Clay 72; limestone 92. Water at 81.
OF Con I	Parks & Gardens Dev. Co.	G. Charbonneau	Jan. 15, 1960	3	7	20	13	Fresh	D	Blue clay 40; grey limestone 80. Water at 80.
OF Con I	"	"	Jan. 15, 1960	3	7	20	13	"	D	Blue clay 44; grey limestone 84. Water at 84.
OF Con I	"	"	Feb. 22, 1960	3	7	20	14	"	D	Blue clay 40; grey limestone 65. Water at 65.
OF Con I	"	"	Feb. 22, 1960	3	8	20	13	"	D	Clay 40; grey limestone 52. Water at 52.
OF Con I	"	"	Feb. 24, 1960	3	8	20	14	"	D	Blue clay 102; grey limestone 124. Water at 124.
OF Con I	"	"	"	10	65	80	18	"	D	Blue clay 95; coarse sand 107. Water from 98 to 107.
OF Con I	G. Dubois	"	Nov. 27, 1960	2	7	20	10	"	D	Blue clay 50; grey limestone 53. Water at 53.
OF Con I	R. Houffain	"	Aug. 15, 1960	2	7	20	10	"	D	Blue clay 47; grey limestone 50. Water at 50.
OF Con I	E. Jodanisma	M. Cossette	Aug. 23, 1960	2	5	25	13	"	D, S	Grey clay 60; sand 75; boulders sand 82; grey limestone 111. Water at 111.
OF Con II	"	"	Sep. 23, 1960	4	3	25	35	"	D	Blue clay 33; grey limestone 128. Water at 128.
OF Con I	A. Grenier	G. Charbonneau	Dec. 21, 1961	2	7	25	16	"	D	Blue clay 28; coarse gravel 32. Water at 32.
OF Con I	J. Strauss	Diamond Drilling	Nov. 23, 1963	2	8	20	10	"	D	Blue clay 40; quicksand 163; limestone 172. Water at 172.
Rockland Town	Rockland Golf Club	G. Charbonneau	May 28, 1960	3	8	20	7	Fresh	D	Sand 74; blue limestone 72; sandstone 78. Water at 78.
Rockland Town	F. Hotte	Diamond Drilling	Aug. 5, 1961	2	4	30	19	"	D	Blue clay 115; boulders sand 121; blue limestone 134. Water at 134.
Rockland Town	A. Hotte	M. Cossette	Aug. 11, 1961	3	8	30	23	"	D	Light brown limestone 76. Water at 76.
Rockland Town	R. Charette	G. Charbonneau	Jul. 24, 1963	6	12	30	18	"	D	Boulders gravel 10; grey limestone 74. Water at 74.
Rockland Town	R. Haines	Diamond Drilling	Nov. 26, 1964	2	5	30	8	"	D	Sand 6; hardpan boulders 23; red limestone 45; grey limestone 60. Dry hole.
Bussell Twp.	J. McDonald	J.B. Dufresne & Co	Sep. 30, 1964	6						Dug well 12; shale 180. Dry hole.
Con I	Graham	Capital Water Supply	Nov. 6, 1964	6						Stored well 16; grey limestone 82. Water at 65 and 80.
Con I	H. Gramer	W.C. Christy	Oct. 20, 1962	4	3	37	8	Fresh	S	Sandy loam 22; blue soapy clay 30; gravel 78; red shale 107. Water at 107.
Con I	J. James	J.A. Aetles	Apr. 25, 1960	4	8				D	Clay 21; gravel 25; limestone 128. Water at 128.
Con II	P. Booth	I. Simzer & Son	Jan. 26, 1960	5	15	128		"	D	Clay loam 17; black shale 40. Water at 38.
Con II	L. Hay	W.C. Christy	Apr. 8, 1960	3	11			"	D	Sandy loam 28; black slate 90. Water at 90.
Con II	G.E. McCaffrey	"	Jun. 17, 1960	4	4	74	6	"	D	

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 to 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
RUSSELL COUNTY - cont. Russell Twp. - cont.										
Con II	Foroisse de Russell R.C. Church	J.B. Dufresne	Nov. 25, 1960	6	3	90	67	Fresh	P	Blue clay 28; sand gravel 34; grey limestone 37. Water at 87.
Con II	P. Deoust	Blair Phillips	Jan. 23, 1961	5	6	125	25	"	P	Blue clay 3 1/2 brown limestone 160. Water at 160.
Con II	D. Conditte	Drilling Co.-Ltd.	Mar. 3, 1961	5	3	60	18	"	D	Dug well 18; hardpan 20; grey limestone 109. Water at 109.
Con II	N. Harrison	T. Simzer & Sons	Mar. 17, 1961	3	3	24	14	"	D	Clay loam 25; grey limestone 55. Water at 48.
Con II	H. Thibault	W.C. Christy	Apr. 15, 1964	5	18	15	12	"	D	Sandy soil 5; blue clay 18; hardpan 23; gravel 26; rock 30.
Con II	P. Brewer	"	Aug. 28, 1964	5	5	30	20	"	D	Water at 28.
Con II	M. Cousineau	A. Gauthier	Aug. 31, 1964	5	8	30	25	"	D	Sand 10; blue clay 20; gravel 28; limestone 40. Water at 38.
Con II	A. Marcellus	W.C. Christy	Jan. 27, 1960	5	3	11	19	Sulphur	D	Hardpan 41; limestone 52. Water at 45.
Con II	E. Cochrane	B. Phillips Co.	Mar. 6, 1961	5	3	184	20	Fresh	D	Black loam 19; shale 66. Water at 60.
Con II	M. Beeth	W.C. Christy Ltd.	Jul. 1, 1961	4	3	19	8	"	D	Hardpan 38; brown limestone 184. Water at 184.
Con II	N. Bell	"	Aug. 24, 1962	4	3	50	22	"	D	Black loam 9; hardpan 21; sand gravel 40; shale 68. Water at 65.
Con II	G. Young	"	Dec. 12, 1962	4	3	36	18	"	D	Clay loam 28; black shale 100. Water at 90.
Con II	M. Hombough	C. Charbonneau	Mar. 23, 1963	6	7	40	10	"	D	Clay loam 28; sand gravel 38; black shale 100. Water at 85.
Con II	R.B. Lee	Diamond Drilling	Mar. 26, 1963	6	7	30	10	"	D	Blue clay 43; grey limestone 47. Water at 47.
Con II	D. Graham	W.C. Christy	Jul. 9, 1963	4	3	19	8	"	D	Blue clay 5; quicksand 36; brown shale 44. Water at 44.
Con II	G.A. Gamble	"	Nov. 16, 1963	4	3	21	17	"	D	Blue clay 14; sand gravel 40; slate 62. Water from 45 to 60.
Con II	G. Wolff	Cayer Well Driller	Aug. 31, 1964	5	10	30	15	"	D	Sand clay 30; slate 74. Water from 45 to 70.
Con I	C. Boothe	F.E. Johnston Drilling Co.-Ltd.	Nov. 14, 1961	5	8	26	20	"	D, S	Sand 9; clay 30; gravel 34; slate 46. Water at 45.
Con III	L. Wade	W.C. Christy	Jul. 30, 1960	4	3	33	11	"	C	Dug basement or well 27; hard grey limestone 41. Water at 37.
Con III	D. Boudreau	J.B. Dufresne	Apr. 15, 1961	6	3	38	20	"	C	Black loam 17; shale 95. Water at 60.
Con III	A.E. Long	W. C. Christy	Nov. 28, 1961	4	3	20	9	"	D	Blue clay 10; hardpan 24; grey limestone 40. Water from 28 to 35.
Con III	L. Lacelle	J.A. Kettles	May 29, 1962	4	12	70	9	"	D	Clay loam 30; black shale 50. Water at 50.
Con III	A. Provost	A. Gauthier	Jun. 30, 1962	4	1	45	12	"	D	Hardpan boulders 20; limestone 70. Water at 70.
Con III	D. Campbell	W.C. Christy	Sep. 20, 1962	4	3	17	12	"	D	Hardpan 22 1/2; limestone 48. Water at 47.
Con III	G.A. Gamble	"	Sep. 29, 1962	4	3	26	19	"	D	Clay 22; sand gravel 26; black shale 78. Water at 75.
Con III	G. Day	G. Charbonneau	Dec. 21, 1962	5 1/2	12	30	10	"	D	Blue clay 26; shale 85. Water at 78.
Con III	V. Provost	Diamond Drilling	May 15, 1963	4	10	25	10	"	D	Clay 35; brown shale 52. Water at 52.
Con III	R. McCormick	A. Gauthier	Mar. 22, 1960	4	4	22	16	"	D	Hardpan 8; limestone 26. Water at 30.
Con III	G. Morrow	W.C. Christy	May 2, 1960	4	3	38	18	"	D	Loam 28; black shale 70. Water from 65 to 70.
Con III	J. Dunlop	"	May 24, 1960	4	4	23	12	"	D	Red clay 19; red shale 70; black shale 110. Water from 47 to 100.
Con III	A. Graham	"	Apr. 9, 1962	4	3	18	9	"	D	Black loam sand 17; white clay 28; shale limestone 80. Water from 45 to 70.
Con III	L. Raquette	J.B. Dufresne Co. Ltd.	Sep. 23, 1963	6	1	80	28	"	D	Loam 35; black shale 74. Water at 70.
Con IV	K. Hansen	A. Gauthier	Dec. 2, 1961	4	15	25	7	"	D, S	Sand 6; clay 33; shale 80. Water at 78.
Con IV	G. Lavictoire	"	Nov. 14, 1961	4	5	20	20	"	D, S	Hardpan 41; limestone 70. Water at 65.



## RUSSELL COUNTY - cont.

[illegible]

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
STORMONT COUNTY - cont. Cornwall City - Cent.	E. Smith & Per Mills	Roy & Son Reg'd	Feb. 20, 1960	10	160	200	41	Fresh	In	Hardpan boulders 85; quicksand 95; hardpan boulders 130; grey limestone 302. Water at 302.
	Maple Crest Dairy	"	Apr. 9, 1960	6	20	100	45	"	In	Hardpan 45; sand boulders 100; quicksand 120; gravel hardpan 130; grey limestone 150. Water at 150.
	C.C. Rose	"	Mar. 7, 1961	6	13	40	28	"	P	Hard clay 15; hardpan boulders 35; quicksand boulders 70; coarse gravel 77; grey limestone 100. Water at 100.
	J. Neunier	A. Cayer	Feb. 18, 1963	4	8	45	35	"	D	Gravelly topsoil 6; hardpan stone 70; gravel 75. Water at 75.
	Ciri Guides	Roy & Son Reg'd	Jun. 20, 1964	6	5	40	14	"	D	Hardpan boulders 98; limestone 112. Water at 112.
	C.W. Crump	R.H. Casselman	Jul. 16, 1963	6	10	50	14	"	P	Topsoil 3; clay gravel sand 14; boulders 45; limestone 150. Water at 140.
	A. Kennear	Roy & Son Reg'd	Jul. 2, 1960	2	12	10	6	Sulphur	D	Blue clay 40; hardpan 42; grey limestone 48. Water at 48.
	L. Larnib	"	Nov. 5, 1960	6	7	30	15	Fresh	D	Hardpan boulders 25; quicksand 35; grey limestone 97. Water at 97.
	L. Olamondon	"	Nov. 5, 1960	2	5	20	12	"	D	Hardpan boulders 40; grey limestone 60. Water at 60.
	E. Gervais	A. Bourdon	Aug. 9, 1961	5	6	8	8	"	C	Stone clay 16; sand stone 32; gravel clay 43; black rock 96. Water at 90.
	D. Harland	Roy & Son Reg'd	Nov. 8, 1961	2	5	50	24	"	D	Hardpan boulders 72; grey limestone 188. Water at 185.
	Provost Cartage Co.	Bourgoise & Sanche	Jul. 7, 1960	5	25	40	20	"	C	Previously drilled 108; limestone 159. Water at 108.
	Townline Motel	"	Jul. 5, 1960	8	100	90	40	Sulphur	P	Hardpan boulders 75; quicksand 85; grey limestone 360. Water at 360.
	H. Lepensie	Roy & Son Reg'd	Sep. 14, 1960	6	500	15	10	Fresh	D	Hardpan boulders 48; grey limestone 82. Water at 82.
	H. McMartin	"	Sep. 29, 1960	2	5	20	12	"	D	Hardpan boulders 52; grey limestone 60. Water at 60.
	A. Labelle	Bourgoise & Sanche	Feb. 8, 1961	5	7	15	15	"	D	Hardpan 6; blue clay 70; fine sand 81; grey limestone. Water at 81.
	C. Larn	Roy & Son Reg'd	Jun. 2, 1960	6	16	60	28	"	C	Hardpan boulders 76; grey limestone 108. Water at 108.
	A. McDonald	A. Bourdon	Oct. 20, 1961	5	8	14	14	"	P	Stone clay 20; sand stones 40; clay gravel 50; black rock 66. Water at 60.
	K. Meyer	Roy & Son Reg'd	Jul. 29, 1963	2	6	20	5	"	D	Clay 20; sand gravel 32. Water at 32.
	D. McMillan	R.H. Casselman	Nov. 5, 1960	4	180	80	30	"	D	Old dug well 20; gravel clay sand boulder 72; grey limestone 107. Water at 100.
Cornwall Twp. Con IV Con IV Con IV	S. Parisien	Roy & Son Reg'd	May 5, 1960	2	5	50	27	"	D	Hardpan boulders 75; grey limestone 97. Water at 97.
	S. Lavigne	"	Sep. 29, 1960	2	6	15	6	"	D	Blue clay 38; grey limestone 70. Water at 70.
	W.J. Emec	"	Aug. 26, 1961	5	8	50	24	"	D	Hardpan boulders 54; limestone 74. Water at 74.
	M. Labelle	"	Sep. 2, 1961	2	6	20	10	"	D	Clay 12; hardpan boulders 55; limestone 76. Water at 76.
	A. Perre	A. Gauthier	Mar. 10, 1962	4	4	50	3	"	D	Clay 41; limestone 68. Water at 67.
	B. Milburn	Roy & Son Reg'd	May 30, 1962	6	8	20	3	"	D	Clay 12; hardpan boulders 50; sand gravel 56. Water at 56.
	A. Robertson	"	Aug. 15, 1962	2	5	30	15	"	D	Hardpan boulders 32; grey limestone 75. Water at 75.
	D. Johnston	"	Oct. 3, 1960	2	6	15	6	"	D	Dug well 11; blue clay 38; grey limestone 90. Water at 90.
	H. Johnston	"	May 12, 1961	2	2 1/2	24	6	"	D	Hardpan boulders 63; grey limestone 107. Water at 107.
	Sir J. Johnston Public School	"	Sep. 8, 1960	6	10	25	15	"	P	Hardpan boulders 55; grey limestone 89. Water at 89.
	Imperial Oil	R.H. Casselman	Apr. 15, 1960	6	10	85	8	"	C	Fill 3; sand gravel clay 20; gravel sand boulders 29; limestone 100. Water at 90.
	A. Walkes	Roy & Son Reg'd	Nov. 10, 1964	5	4	60	24	"	D	Clay 12; hardpan 28; limestone 63. Water at 63.
	H. Brown	Roy & Son Reg'd	Dec. 12, 1964	2	4	24	10	"	D	Hardpan 12; limestone 77. Water at 77.
	G. McQuigall	"	Aug. 23, 1960	2	6	20	12	"	D	Dug well 7; hardpan boulders 42; grey limestone 57. Water at 57.
	C. Ogilvie	"	Nov. 2, 1960	2	6	24	14	"	D	Dug well 16; hardpan boulder 28; grey limestone 73. Water at 73.

STORMONT COUNTY - cont.

Corrwall Twp. - cont.	lot 10.	R. Quesnel	Roy & Son Reg'd	Jun. 8, 1961	2	15	20	10	Fresh	D	Clay 6;hardpan boulders 45;grey limestone 70. Water at 70.
Con IV	" 10	A. Bourdon	A. Bourdon	Sep. 21, 1961	5	8	17	12	Sulphur	D	Blue clay 18;gravel clay 30;black rock 41. Water at 38.
Con IV	" 11	J. Giroux	"	Sep. 8, 1961	3	10	18	12	Fresh	D	Clay stone 20;stone clay 30;gravel 35. Water at 32.
Con IV	" 11	C. Tessier	Roy & Son Reg'd	Aug. 5, 1962	2	7	24	27	"	D	Hardpan boulders 32;limestone 62. Water at 82.
Con IV	" 11	M. Jarrett	"	Aug. 13, 1964	2	6	20	27	"	D	Clay 6;hardpan 35;limestone 77. Water at 77.
Con IV	" 12	B. Vallée	A. Bourdon	May 4, 1961	5	12	4	4	"	D	Blue clay stone 36;black rock 45;grey rock 80. Water at 76.
Con IV	" 12	G. Russell	Roy & Son Reg'd	May 9, 1963	2	7	60	22	"	D	Hardpan boulders 57;grey limestone 70. Water at 70.
Con IV	" 12	L.A. Riddle	"	Nov. 20, 1963	2	6	60	22	"	D	Hardpan boulders 57;grey limestone 81. Water at 81.
Con V	" 6	M. Wheeler	A. Bourdon	Sep. 3, 1964	2	7	34	26	Sulphur	D, S	Dug well 28;grey rock 50;clay gravel 60. Water at 50.
Con V	" 10	L. Lévesque	"	Oct. 2, 1964	2	8	29	16	"	D	Clay 8;rock 68. Dry hole.
Con V	" 10	H. Brisson	"	Nov. 14, 1964	2	8	29	16	"	D	Clay stone 30;stone gravel 44. Water at 41.
Con V	" 11	B. Archambault	"	Nov. 25, 1960	2	8	29	16	"	D	Clay 1;limestone 65. Water at 62.
Con V	" 11	A. Robinson	"	Apr. 22, 1961	2	8	29	16	"	D	Blue clay 2;gravel sand 30;soft black rock 45. Water at 38.
Con V	" 11	C. Renaud	"	Oct. 17, 1962	2	8	29	16	"	D	Clay stone 21;gravel 38;grey rock 42. Water at 38.
Con V	" 11	N. Mcintosh	Roy & Son Reg'd	Apr. 15, 1963	2	20	20	20	"	D	Hardpan 12;grey limestone 70. Water at 70.
Con V	" 12	M. Mcintosh	A. Bourdon	May 2, 1963	2	20	20	20	"	D	Clay stones 30;hard rock 42. Water at 40.
Con V	" 12	M. Mcintosh	"	Sep. 18, 1963	2	8	20	28	"	D	Clay boulder 20;hard rock 38. Water at 35.
Con V	" 12	M. Mcintosh	"	Nov. 19, 1964	2	8	20	28	"	D	Clay stone 12;grey rock 34. Water at 12.
Con V	" 12	M. Mcintosh	"	Nov. 19, 1964	2	8	20	28	"	D	Dug well 26;limestone 58;white sand 65. Water at 60.
Con V	" 12	M. Mcintosh	"	Sep. 18, 1964	2	8	20	28	"	D	Clay gravel 20;clay boulders 35;limestone 48. Water at 45.
Con V	" 12	M. Mcintosh	"	Sep. 18, 1964	2	8	20	28	"	D	Clay gravel 22;clay boulders 38;limestone 40. Water at 38.
Con V	" 12	M. Mcintosh	"	May 6, 1960	2	12	12	12	"	D	Topsoil 12;clay 7;gravel boulders 3;gravel 45;fine gravel 50;sand 64;grey limestone 86. Water at 94.
Con V	" 12	M. Mcintosh	"	May 6, 1960	2	12	12	12	"	D	Clay 18;clay stone 30;gravel sand 45. Water at 44.
Con V	" 12	M. Mcintosh	"	May 6, 1960	2	12	12	12	"	D	Hardpan boulders 77;grey limestone 110. Water at 110.
Con V	" 12	M. Mcintosh	"	May 6, 1960	2	12	12	12	"	D	Clay stone 40;gravel sand 65;black rock 70. Water at 65.
Con V	" 12	M. Mcintosh	"	May 6, 1960	2	12	12	12	"	D	Hardpan boulders 20;quicksand 36;grey limestone 73. Water at 73.
Con V	" 21	P. Jany	Roy & Son Reg'd	Jul. 31, 1962	5	15	30	18	"	D, S	at 73.
Con V	" 23	A.G. Frey	A. Bourdon	Sep. 27, 1961	5	10	12	12	"	D	Stone clay 12;hard black rock 23. Water at 12.
Con V	" 32	A. Mullin	Roy & Son Reg'd	Sep. 21, 1960	5	10	12	12	"	D	Blue clay 12;grey limestone 26. Water at 13.
Con VI	" 10	H. St. Pierre	A. Bourdon	Sep. 8, 1964	5	8	26	1	"	D	Clay 12;grey hard rock 25. Water at 12.
Con VI	" 10	M.G. Warren	Roy & Son Reg'd	Dec. 10, 1960	5	7	55	17	"	D	Sand clay 20;clay boulder 32;black rock 55. Water at 50.
Con VI	" 10	P. Lalonde	A. Bourdon	Aug. 14, 1961	5	8	26	9	"	D	Clay 5;hardpan boulders 34;quicksand 43;limestone 287.
Con VI	" 11	E. Dube	"	Feb. 25, 1961	5	2	26	1	"	D	Water at 287.
Con VI	" 11	A. Dupuis	"	May 20, 1961	5	12	8	1	"	D	Sand stone 15;clay gravel 31;gravel stone 48. Water at 40.
Con VI	" 24	L. Gagnon	"	Jun. 24, 1964	5	5	30	25	"	D, S	Clay sand gravel 29;black soft rock 45. Water at 35.
Con VI	" 38	Ont. Dept. of Highways	Roy & Son Reg'd	Mar. 30, 1963	6	9	100	2	"	C	Hardpan boulders 40;quicksand 61;grey limestone 84. Water at 84.
Con VII	" 12	R. Archambault	A. Bourdon	May 18, 1962	5	6	10	6	"	D	Hardpan boulders 52;grey limestone 145. Water at 145.
Con VII	" 13	Separate # 22 School	"	May 16, 1961	5	8	6	6	"	P	Clay 12;limestone 61. Water at 61.
Con VII	" 14	C. St. Germain	Roy & Son Reg'd	Nov. 25, 1960	6	3	30	15	"	D	Hardpan boulders 40;quicksand 61;grey limestone 84. Water at 84.
Con VII	" 14	G. Russell	"	Sep. 3, 1960	2	3	24	18	"	D	Hardpan boulders 52;grey limestone 145. Water at 145.
Con VII	" 14	Glen Co.	"	Sep. 25, 1964	10	1	20	4	"	In	Clay 12;limestone 61. Water at 61.
Con VII	" 28	Cheese Factory	"	"	"	"	"	"	"	"	"
Con VII	" 28	B. Conroy	R. Bourgeois	Aug. 9, 1963	4	4	49	44	"	D	Hardpan 55;gravel 57;grey rock 59. Water at 58.
Con VII	" 30	D. Adams	A. Gauthier	Jun. 20, 1964	4	4	20	15	"	D	Hardpan 16;limestone 40. Water at 37.
Con VIII	" 12	C. Willard	Roy & Son Reg'd	Sep. 10, 1960	2	4	8	20	"	D	Dug well 7;broken soil rock 10;grey limestone 200. Dry hole.
Con VIII	" 14	J. Bourgeois	A. Bourdon	Jul. 19, 1961	5	4	12	12	"	D	Stone sand 15;sand 28;gravel 33. Water at 30.
Con VIII	" 18	J. Allinotte	Roy & Son Reg'd	Jan. 30, 1962	6	4	50	11	"	D, S	Clay 5;gravel 25;hardpan 31;grey limestone 126. Water at 124.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
STORMONT COUNTY - cont.										
Cornwall Twp. - cont.										
Con VIII	J. Barker	Roy & Son Reg'd	Dec. 5, 1961	6	7	24	12	Fresh	D, S	Hard clay 15; hardpan 34; limestone 75. Water at 75.
Con VIII	E. Corriere	"	Oct. 17, 1964	6	7	24	12	"	D	Hardpan boulders 32; limestone 67. Water at 67.
Con VIII	A. Spaver	B.H.Casselman	Oct. 16, 1964	6	16	30	17	"	D, S	Boulders clay gravel cemented 32; limestone 96. Water at 90.
Con XIII	J. Stevens	"	Oct. 21, 1960	5	3	70	15	"	D, S	Old dug well 20; hardpan clay sand 52; gravel hardpan 57; grey limestone 74. Water at 64.
Con VIII	A. Eamer	"	Dec. 9, 1964	6	7	40	15	"	S	Old dug well 19; gravel sand clay cemented 39; sandy layers limestone 85. Water at 85.
Cornwall Island										
Cornwall Island	St. Regis	Roy & Son Reg'd	Jul. 15, 1961	6	8	50	36	Fresh	P	Clay 9; hardpan boulders 63; limestone 110. Water at 110.
Con I	R. Benedict	"	Aug. 7, 1961	6	5	50	34	"	D	Hardpan boulders 98; limestone 135. Water at 135.
Lot 13	Indian Agency	d.H.Casselman	Jan. 15, 1964	6	17	51	6	"	D	Clay gravel boulder cemented 31; clay gravel 96; limestone 125.
Finch Village										
Finch Vlg.	Post Office	Bourgeois & Sanche	Feb. 10, 1961	4	5	5	5	Sulphur	P	Hardpan 5; clay 12; grey limestone 50. Water at 42.
Finch Vlg.	Finch Comm.	R.H.Casselman	Dec. 30, 1961	4	13	39	6	Fresh	P	Boulders sand loam 7; boulders gravel clay sand 13; limestone 93. Water at 85.
Finch Vlg.	C. Armstrong	G.Charbonneau	May 4, 1963	6	12	15	6	"	D	Clay loose stone 15; grey limestone 127; white sandstone 130.
Finch Vlg.	W.D. Wiseman	Diamond Drilling	Oct. 1, 1963	4	4	30	5	"	D	Water at 130.
Finch Vlg.	E. McDermid	A. Gauthier	Oct. 4, 1963	4	8	25	5	"	D	Limestone 35. Water at 30.
Finch Twp.										
Con I	D. Casselman	R.H.Casselman	Jul. 15, 1963	4	8	60	21	Fresh	D, S	Old drilled well 61; limestone 92. Water at 90.
Con I	E. McLean	"	Aug. 2, 1963	5						Old dug well 21; limestone 216. Dry hole.
Con I	"	"	Aug. 9, 1963	5						Topsoil 1; broken rock 4; limestone 100. Dry hole.
Con I	"	"	Aug. 17, 1963	5						Clay gravel 5; clay gravel boulder 20; limestone 110. Dry hole.
Con I	"	"	Aug. 20, 1963	6	5	26	9	Fresh	S	Loam 2; clay sand gravel 19; fine sand 20; limestone 36. Water at 20.
Con II	E. Osterman	R. Bourgeois	Mar. 23, 1962	4	5	13	12	"	D, S	Gray topsoil 6; hardpan 9; black rock 39. Water at 36.
Con II	E. Leng	R.H.Casselman	Jul. 20, 1963	5	15	32	12	"	D	Old dug well 30; limestone 104. Water at 100.
Con II	K.A. Johnston	A. Gauthier	Sep. 14, 1964	4	15	20	12	"	D	Hardpan 12; limestone 48. Water at 25.
Con II	H. Smith	R.H.Casselman	Jul. 3, 1964	5	10	30	8	"	D	Dug well 15; hardpan 44; limestone 52. Water at 45.
Con II	H. Martin	R. Bourgeois	Mar. 17, 1962	4	5	20	3	"	D	Gray topsoil 5; hardpan 13; grey rock 37. Water at 33.
Con II	H. Runtions	"	May 5, 1962	4	5	5	3	"	D	Gray topsoil 4; hardpan 11; grey rock 25. Water at 22.
Con II	Ont. Dept. of Highways	R.H.Casselman	Oct. 7, 1963	6	17	33	4	"	C	Boulder hardpan gravel 9; boulder hardpan 15; gravel clay hardpan cemented 27; limestone 103. Water at 90.
Con III	M.H. Mercellus	Bourgeois & Sanche	Aug. 8, 1960	4	2	20	10	"	D	Gray clay 10; hardpan 17; sand 19; grey limestone 30. Water at 19.



# APPENDIX C — RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
STORMONT COUNTY - cont. Finch Twp. - cont.										
Con X lot 12	J.F. Armstrong	A. Gauthier	Jul. 30, 1963	4	10	20	16	Fresh	D	Hardpan 22; limestone 35. Water at 32.
Con X " 12	E. Goulet	"	Aug. 2, 1963	4	1	40	25	"	D	Hardpan 28; limestone 40. Water at 30.
Con X " 13	C. Bissonnette	R.H. Casselman	Aug. 31, 1960	5	13	22	18	"	D	Topsoil 2; clay 20; gravel clay boulder 29; rock 33. Water at 30.
Con X " 13	E. Racine	Bourgeoise & Sanche	Mar. 8, 1961	4	1	36	20	"	D	Previously drilled 20; grey limestone 36. Water at 20.
Con X " 21	A. Masse	"	Aug. 1, 1960	4	3	20	6	"	D	Grey clay 10; blue clay 25; sand 35; gravel 41. Water at 41.
Con XI " 10	N. Struthers	A. Gauthier	Jul. 7, 1964	5	10	40	35	"	D	Hardpan 10; limestone 61. Water at 57.
Osnabruk Twp.										
Con I lot 1	Ont. St. Lawrence Dev. Comm.	Roy & Son Reg'd	Feb. 21, 1964	5	17	60	22	Fresh	P	Sand boulders 25; hardpan boulders 97; grey limestone 140. Water at 40.
Con I " 1	"	R.H. Casselman	Feb. 22, 1963	5	12	90	33	"	P	Boulder till 27; till cemented small stones 72; limestone 141. Water at 131.
Con I " 9	"	"	Feb. 1, 1964	5	17	47	45	Sulphur	P	Boulder hardpan 20; hardpan gravel 86; rock layers clay gravel 93; limestone 159; sandstone 180. Water at 170.
Con I " 14	"	"	Mar. 3, 1960	5	17	66	27	Fresh	P	Boulder hardpan 43; clay sand gravel 83; limestone 195. Water at 185.
Con I " 15	"	"	Jul. 24, 1961	5	13	48	21	"	P	Boulder hardpan 32; gravel clay 72; limestone 192. Water at 185.
Con I " 17	"	"	Aug. 21, 1962	5	18	30	12	"	P	Sand clay gravel 12; boulder hardpan 70; limestone 149; gravel 151. Water at 149.
Con I " 18	"	"	Feb. 24, 1961	5	12	42	28	"	P	Topsoil 2; boulder hardpan 25; hardpan 59; grey limestone 96. Water at 86.
Con I " 18	"	"	Jul. 31, 1964	5	10	65	18	"	P	Boulders clay sand gravel cemented 44; clay sand gravel cemented 66; rock layers 77; limestone 166. Water at 160.
Con I " 22	"	"	Jun. 26, 1961	5	15	45	15	"	P	Topsoil 1; clay boulders gravel 20; clay sand gravel 64; limestone layers 68; limestone 93. Water at 84.
Con I " 24	G.W. Thom	"	Mar. 20, 1963	5	17	45	12	"	P	Boulders till 22; hardpan 57; limestone 90. Water at 80.
Con I " 35	"	"	May 7, 1963	5	13	39	6	Sulphur	D	Boulder hardpan 18; gravel clay sand 24; clay small stones cemented sand hardpan 81; limestone 118. Water at 110.
Con II " 5	R. Stephenson	Roy & Son Reg'd	Jun. 21, 1963	2	5	60	21	Fresh	D	Hardpan boulders 62; grey limestone 138. Water at 138.
Con II " 11	W. Vinette	"	Jun. 25, 1963	6	5	60	5	"	D	Clay 10; hardpan 79; sand gravel 87. Water at 87.
Con II " 13	E. Shaver	R.H. Casselman	Dec. 6, 1963	5	17	21	16	Sulphur	D, S	Old dug well 22; gravel clay sand boulders cemented 63; limestone 115. Water at 105.
Con II " 16	W.T. Rutley	"	Sep. 22, 1964	6	17	45	19	Fresh	D, S	Old dug well 21; clay gravel boulders cemented 72; limestone 113. Water at 103.
Con II " 17	G. Mahon	Cayer Well Drilling	Aug. 4, 1962	5	3	90	35	"	D	Hardpan 25; quicksand 40; small gravel 50; limestone 90. Water at 50.
Con II " 18	R. Brownell	R.H. Casselman	Sep. 28, 1962	5	8	100	17	"	D, S	Old dug well 18; hardpan boulders 62; hardpan gravel 84; limestone 103. Water at 95.
Con II " 33	F. Heagle	A. Gauthier	Aug. 6, 1960	4	10	17	1	"	D, S	Hardpan 42; limestone 45. Water at 45.
Con II " 35	E.J. Wells	"	Aug. 15, 1960	4	12	30	18	"	D, S	Sand boulders 60; limestone 73. Water at 70.
Con III " 8	A. Bedard	R.H. Casselman	Sep. 16, 1960	5	3	140	18	"	D, S	Old dug well 26; clay gravel 40; gravel broken limestone 52; grey limestone 187. Water at 150.
Con III " 21	K. Hartwell	"	Jul. 6, 1962	5	20	20	6	"	S	Old dug well 16; gravel till 33; clay hardpan 45; limestone 64. Water at 60.



## STORMONT COUNTY - cont.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1960 TO 1964

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
STORMONT COUNTY - cont. Roxborough Twp. - cont.										
Con II	H. Gregoire	A. Bourdon	Oct. 8, 1964	5	8	26	9	Fresh	D,S	Clay gravel 32;boulders 35. Water at 34.
Con II	W. McDonnell	Roy & Son Reg'd	Oct. 7, 1964	6	8	24	14	"	D,S	Hardpan boulders 27;limestone 76. Water at 76.
Con II	A. Jacques	A. Bourdon	Sep.27,1960	5	8	9	9	"	D	Clay 18;gravel 28;black gravel 38. Water at 28.
Con II	E. Laroite	Cayer Well Drillers	Nov.18,1960	4	15	16	12	"	D	Hardpan stone 30;gravel 32;limestone 42. Water at 33.
Con III	E. Montgomery	M. Cayer	Dec.24,1964	5	10	21	10	"	D,S	Sand stone 10;limestone 18;black rock 41. Water at 30.
Con III	V. Delaney	R.H.Casselman	Mar. 6, 1963	6	1	150	21	"	D	Boulder hardpan 27;limestone 160. Water at 130.
Con III	D. Elair	Cayer Well Driller	Oct.15,1962	5	15	30	12	"	D,S	Hardpan 25;gravel 43;limestone 48. Water at 43.
Con III	H. Delaney	R.H.Casselman	Mar. 2, 1961	5	1	90	16	"	D	Old dug well 23;gravel clay boulder sand 36;gravel sand 46;grey limestone 90. Water at 46.
Con III	O. Flanagan	"	Dec.27,1960	5	3	26	9	Sulphur	D,S	Old well 13;sand clay gravel 26;grey limestone 63.
Con III	Dr.D.G.Bennett	"	Mar.11,1961	5	16	40	7	Fresh	D	Old dug well 15;boulders gravel clay sand 26;gravel clay sand 48;grey limestone 73. Water at 63.
Con III	H. Rumlions	Cayer Well Drillers	Aug.21,1961	4	4	40	18	"	D	Sandy topsoil 60;hardpan 40;gravel 43;limestone 58. Water at 50.
Con III	E.J.Barril	A. Cayer	Apr.26,1962	4	2	58	20	"	D	Hardpan 15;sand 44;limestone 58. Water at 50.
Con III	A. Morrison	"	May 11,1962	4	3	40	25	"	D	Hardpan 15;sand 44;limestone 57. Water at 50.
Con III	R. Alguire	Cayer Well Drillers	Oct. 6,1962	4	4	45	15	"	D	Topsoil 10;hardpan 25;sand 44;limestone 55. Water at 50.
Con III	C.McEltheran	R. H.Casselman	Jul. 3,1962	5	10	32	7	"	C	Old dug well 19;gravel sand clay 42;limestone 67. Water at 64.
Con III	United Church Manse	A. Cayer	Jul.22,1963	4	6	36	12	"	D	Hardpan 30;sand gravel 41;rock 50. Water at 46.
Con III	C. McEltheran	R.H.Casselman	Jun.26,1964	5	4	54	6	"	D	Hardpan clay gravel sand cemented 40;limestone 54. Water at 50.
Con III	P. Warner	"	Jun.29,1964	5	3	57	21	"	D	Clay gravel 30;sand gravel clay 46;rock layers 62. Water at 60.
Con III	E. Munzel	"	Oct. 5,1964	5	10	76	32	"	D	Clay boulders gravel cemented 31;clay gravel cemented 67;limestone 76. Water at 70.
Con III	E. Emer	"	Apr. 5,1960	6	15	55	18	"	D	Boulder clay 21;sand clay 46;limestone 65. Water at 55.
Con III	Bell Telephone Co. of Can	"	Sep.20,1960	5	7	80	14	"	P	Clay gravel boulders 37;grey limestone 80. Water at 70.
Con III	E. Park	A. Cayer	Jul. 8,1963	4	5	40	20	"	D	Sandy topsoil 15;hardpan 50;gravel 55. Water at 55.
Con III	R.J.Cameron	"	Nov.10,1963	5	8	30	22	"	D	Dug well 19;sand 40;gravel 43;limestone 52. Water at 48.
Con IV	L. Crawford	R.H.Casselman	Jan.24,1961	5	1	143	8	"	D,S	Topsoil 5;boulder hardpan 15;grey limestone 143. Water at 73.
Con IV	E. Cameron	M. Cayer	Dec. 5,1964	5	10	60	30	"	D,S	Dug well 20;hardpan 50;quicksand 70;black rock 92;black rock 125. Water at 90.
Con IV	A.G. McIntyre	Cayer Well Drillers	May 26,1960	4	10	15	5	"	D,S	Sand 4;hardpan 17;limestone 25. Water at 25.
Con IV	A.F.McMillan	R.H.Casselman	Sep.14,1960	5	2 1/2	150	18	"	S	Old dug well 18;gravel clay 43;grey limestone 150. Water at 100.
Con V	S.S.# 2	Cayer Well Driller	Jan.29,1964	5	10	75	30	"	P	Hardpan 10;quicksand 60;hardpan 80;slate 85. Water at 80.
Con V	R.O.Sabourin	J.B.Dufresne & Co. Ltd.	Dec. 3,1964	6	1 1/2	180	24	"	D,S	Hardpan 24;grey limestone 180. Water at 172.
Con VI	R. Brabant	A. Bourdon	Jul.20,1962	5	6	16	8	"	S	Blue clay 20;gravel 47;black rock 70. Water at 50.

STORMONT COUNTY - cont.  
Roxborough Twp. - cont.

Con	S.S. # 2		Jan. 24, 1964	5	8	70	30	Fresh	P	
Con VI		Cayer Well								Hardpan 20;sand 70;gravel 102. Water at 100.
Con VI	" 26	Drillers								
Con VII	" 19	R.H.Casselman	Jan. 7, 1961	5	2½	130	8½	"	D,S	Clay Gravel 4;grey limestone 146. Water at 100.
Con VII	" 19	Separate								
Con VII	" 19	School 12-16-21	Apr. 19, 1960	5	10	80	10	"	P	Grey clay 10;hardpan 20;sand 26;limestone 100. Water at 90.
Con VII	" 19	H. Tesier	Aug. 26, 1960	4	15	40	25	"	D	Hardpan 44;rock limestone 68. Water at 60.
Con VII	" 19	L. Rabillard	Dec. 16, 1964	5	4	60	30	"	D	Gravel 10;gravel stone 20;hardpan 80;gravel 82. Water at 82.
Con VII	" 20	M. Cayer								Gravel 10;limestone 61. Dry hole.
Con VII	" 20	Cayer Well	Jan. 20, 1964	5						
Con VII	" 23	Driller								
Con VIII	" 23	G. Bourgeois	Nov. 21, 1964	5	5	15	10	Fresh	D,S	Red clay 10;hardpan 18;gravel 22;grey rock 30. Water at 27.
Con VIII	" 38	B. Dumesnil	Feb. 19, 1961	4	10	12	6	Sulphur	N	Grey clay 15;blue clay 35;fine sand 48;grey limestone 82.
Con VIII	" 38	A. Matte								Water at 75.
Con VIII	" 38	" Sanche	Feb. 22, 1961	4	10	12	6	Fresh	D,S	Grey clay 15;blue clay 35;fine sand 48;grey limestone 50.
Con IX	" 7	"								Water at 50.
Con IX	" 7	Twp School	Feb. 3, 1964	5	7	90	25	"	P	Hardpan 35;quicksand 70;hardpan 100;gravel 110;slate 115.
Con X	" 13	Area								Water at 110.
Con X	" 13	Moose Creek	Sep. 28, 1960	5	15	15	6	"	C	Dark sandy soil 12;hardpan 18;grey limestone 118. Water at 55.
Con X	" 13	Farms Ltd.	Oct. 5, 1960	5	30	15	5	"	C	Black topsoil 5;clay 12;hardpan 17;limestone 62. Water at 48.
Con X	" 14	"	Jul. 10, 1960	5	8	40	10	"	In	Black topsoil 3;clay 28;clay layers Gravel 57;grey limestone 60. Water at 58.
Con X	" 15	"	Apr. 5, 1960	5	20	4	4	"	Ir	Black muck 10;clay 62;hardpan Gravel 66;limestone 77. Water at 74.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



<sup>1</sup>The following abbreviations are used to designate surveys:

Abbreviations	Survey	Municipality	Abbreviations	Survey	Municipality
B. F.	Broken Front	Charlottenburgh	L. F.	Lake Front	Charlottenburgh
		East Hawkesbury	L. I.	Long Island	Gloucester
		Front of Escott	L. R.	Lake Range	Petawawa
		Front of Lansdowne	M. L. E.	Muskrat Lake East	Westmeath
		Front of Yonge	M. L. W.	Muskrat Lake West	Westmeath
		Gloucester	M. S. B.	Miles Square Block	Kingslon
		Marlborough	N. D.	Northern Division	Ross
		North Gower	N. E. R.	North East Range	Westmeath
		North Plantagenet	N. F. A.	North Front A	Westmeath
		Osgoode	N. F. E.	North Front E	Howe Island
		South Gower	N. R.	North Range	Pittsburgh
		West Hawkesbury	N. R.	Naval Reserve	Clarence
B. L. N.	Base Line North	Wolfe Island	O. F.	Ottawa Front	Cumberland
B. L. S.	Base Line South	Wolfe Island			Gloucester
B. N.	Range B North	Brudenell			Nepean
B. R.	Bonnechere Range	Jones	O. R. N.	Opeongo Road North	Sherwood
		Adamston	O. R. S.	Opeongo Road South	Sherwood
		Bromley	R. F.	Rideau Front	Gloucester
B. S.	Range B South	Brudenell			Nepean
C. L.	Coulange Lake	Westmeath	R. P.	Registered Plan No. 73	Wolfe Island
C. R. E.	Cataraqui River East	Pittsburgh	R. R. N.	Raisin River North	Charlottenburgh
C. R. W.	Cataraqui River West	Pittsburgh	R. R. S.	Raisin River South	Charlottenburgh
D. N.	Range D North	Graftan	S. I.	Simcoe Island	Wolfe Island
D. S.	Range D South	Graftan	S. R.	South Range	Howe Island
E. F. B.	East Front B	Westmeath	S. S.	South of Six	Charlottenburgh
E. F. C.	East Front C	Westmeath	S. W. R.	South West Range	Clarendon
F. C.	Front Concession	Lancaster Twp.	T. Gore	Gore	Charlottenburgh
F. K. T.	Formerly Kingston Twp.	Pittsburgh	W. C.	West Common	Edwardsburgh
		Storrington	W. D.	Western Division	Kingslon
I. L.	Indian Lands	Charlottenburgh	W. F. E.	West Front E	Westmeath
		Kenyon			
L. D.	Lake Dore Range	Westmeath			

<sup>2</sup>Uses of Water

The following abbreviations are used to designate uses of well water:

C . . . . .	Commercial	Irrigation	S . . . . .	Stock
D . . . . .	Domestic	P . . . . .	T . . . . .	Test hole
I . . . . .	Industrial	R . . . . .	T . . . . .	Test hole with identification number
				2-61

## APPENDIX D

### Previous Reports in the Series

#### Ground Water in Ontario

1. Ground Water in Ontario, 1947, 60th Annual Report  
Ontario Department of Mines.  
Volume LX, Part XI, 1951
2. Ground Water in Ontario, 1948, 1949 and 1950.  
Ontario Department of Mines.  
Bulletin 145, 1953.
3. Ground Water in Ontario, 1951 and 1952,  
Ontario Department of Mines.  
Bulletin 152, 1957
4. Ground Water in Ontario, 1953 and 1954,  
Ontario Water Resources Commission,  
Ground Water Bulletin No.1, 1961
5. Ground Water in Ontario, 1955 and 1956,  
Ontario Water Resources Commission,  
Ground Water Bulletin 2, 1963.
6. Ground Water in Ontario, 1957  
Ontario Water Resources Commission,  
Ground Water Bulletin No. 3, 1965.
7. Ground Water in Ontario, 1958,  
Ontario Water Resources Commission,  
Ground Water Bulletin No. 4, 1966.
8. Ground Water in Ontario, 1959  
Ontario Water Resources Commission,  
Ground Water Bulletin No. 5, 1966.
9. Ground Water in Ontario, Southwestern Area 1960-1963,  
Ontario Water Resources Commission,  
Ground Water Bulletin 6, 1968.
10. Ground Water in Ontario, South-Central Area 1960-1964,  
Ontario Water Resources Commission,  
Water Resources Bulletin 2-7  
Ground Water Series 1969.









